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ONTARIO GEOLOGICAL SURVEY

Open File Report 6036

Schreiber–Hemlo Area Lake Sediment Survey: Gold and PGE Data – Operation Treasure Hunt

by

Ontario Geological Survey

2000

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ABSTRACT

The Ontario Geological Survey carried out high density lake sediment and water geochemical surveys of the Schreiber-Terrace Bay and Hemlo areas of northwestern Ontario in 1996. The survey area is located approximately 200 km east of Thunder Bay, and is bounded by 48°30' N latitude and 87°45' W longitude in the southwest and 49°15' N latitude and 85°30' W longitude in the northeast. Lake sediment and water samples were collected from a total of 1433 lake sites and analyzed for 53 elements. Reports outlining the results of these analyses were published in 1997 and 1998. Under the auspices of Operation Treasure Hunt, archived lake sediment samples from 1230 sites were re-analysed for gold (Au) and platinum-group elements (PGEs). Preliminary interpretation of the results indicates 22 anomalous areas, which have been loosely ranked in order of their exploration interest. Digital geochemical data for this report is available separately as Miscellaneous Release Data (MRD-65).

INTRODUCTION

Fieldwork for high density lake sediment and water geochemical surveys in the areas of the Schreiber-Terrace Bay and Hemlo greenstone belts (Figure 1) was carried out in July and August, 1996.

The Schreiber-Terrace Bay greenstone belt was selected for this type of geochemical survey due to its combination of favourable bedrock geology (high mineral potential), sparse Quaternary cover (fewer possible geochemical barriers/interferences), strong interest among explorationists and proximity to infrastructure. The Hemlo area was selected for this survey based on the criterion of favourable geology, client interest and availability of lakes. Both of these regions were covered by the low density national geochemical reconnaissance (NGR) program initiated during the late 1970s by the Geological Survey of Canada (GSC).

The study area is located approximately 200 km east of Thunder Bay. The Schreiber-Terrace Bay area survey covered the area represented on National Topographic System (NTS) 1:50 000 scale map sheets 42D/14, 42D/15 and portions of 42D/13, 42E/2, 42E/3 and 42E/6; the Hemlo area survey covered portions of the 42C/12, 42C/13, 42D/09 and 42D/16 map areas.

Reports detailing the results of geochemical analyses for 53 elements from these surveys have been previously released (Dyer 1997, 1998). This report outlines the results of analyses of archived sample material for Pt, Pd and Au by a lead fire assay/Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) analytical method.

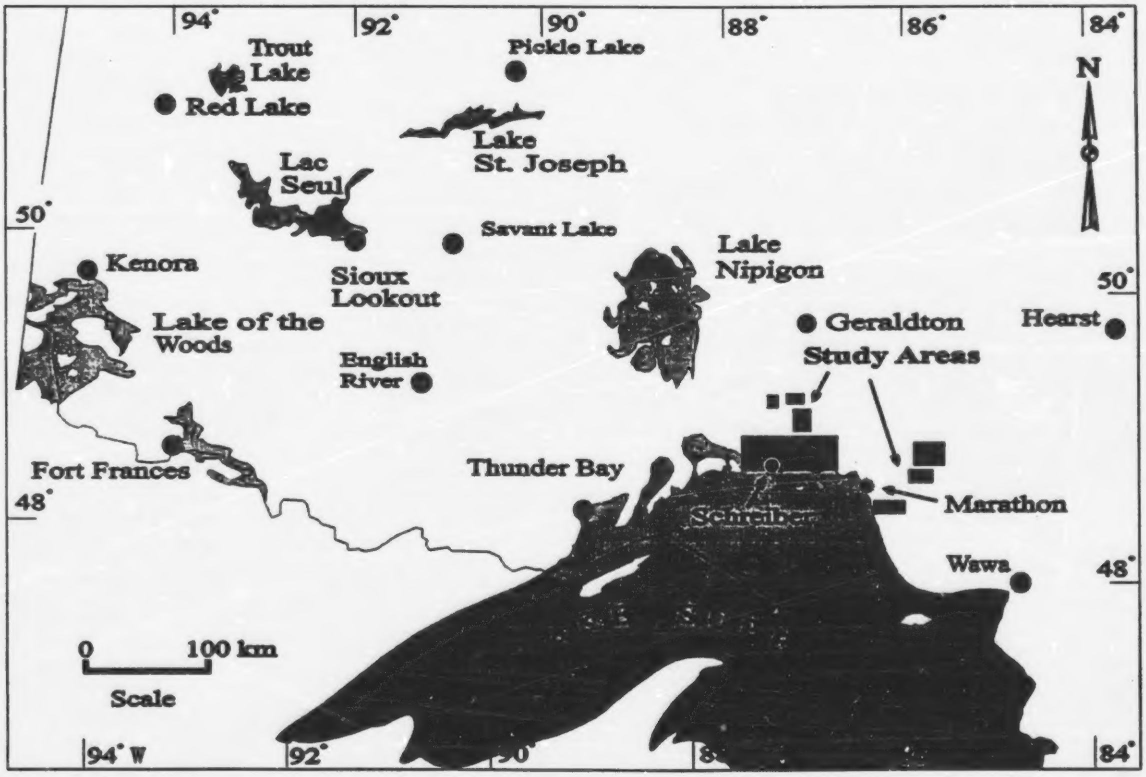

94°
92°
90°
88°
86°
84°
Trout Lake
Pickle Lake
Red Lake
N
Lake St. Joseph
Lac Seul
50°
Savant Lake
Kenora
Sioux Lookout
Lake Nipigon
50°
Lake of the Woods
Geraldton
Hearst
Study Areas
English River
Fort Frances
Thunder Bay
Marathon
48°
Schreiber
Wawa
48°
0
100 km
Scale
94° W
92°
90°
84°

Figure 1. Location map of the Schreiber-Terrace Bay and Hemlo-Heron Bay-White Lake lake sediment and water survey areas.

REGIONAL SETTING

Bedrock Geology

The Schreiber-Hemlo greenstone belt is composed of 3 supracrustal assemblages referred to as the Schreiber, Hemlo-Black River and Heron Bay assemblages (Williams et al. 1991). The Port Coldwell alkalic intrusive complex, located near Marathon, effectively bisects the greenstone belts, with the Schreiber assemblage (Figure 2) lying to the west and the Heron Bay and Hemlo-Black River assemblages (Figure 3) to the east.

The Schreiber supracrustal assemblage consists of tholeiitic mafic volcanics, calc-alkalic mafic to felsic volcanic rocks and metasediments (Carter 1988). Numerous felsic plutons, stocks and dikes intrude the supracrustal rocks. Extensive faulting, folding and ubiquitous sheared contacts between rock types have hampered interpretation of the stratigraphy. The Schreiber assemblage, however, is considered temporally equivalent to the Hemlo-Black River assemblage (Williams et al. 1991). The past producing Winston Lake mine (a Cu-Zn VMS deposit) is located in the northwest part of the Schreiber greenstone belt. This deposit was discovered in 1982 by Corporation Falconbridge Copper and initial mineral reserve figures were reported as approximately 2.6 million tonnes grading 17.8% Zn, 0.94% Cu, 25.3 g/t Ag and 0.85 g/t Au (Severin and Balint 1985). The deposit was brought into production in 1988 (Schneiders and Smyk 1989).

The Hemlo-Black River supracrustal assemblage consists of tholeiitic and calc-alkalic metavolcanic rocks and metasediments. Mapping by Muir (1982a, 1982b) shows that mafic-intermediate metavolcanic rocks are predominant in the western portion of the assemblage. To the east, in the Hemlo area, metasediments and felsic metavolcanics are the predominant rock types (Figure 3). Numerous intermediate-felsic plutons, stocks and dikes intrude the supracrustal rocks (Beakhouse 1996). Gold mineralization at Hemlo is contained within highly sheared, tectonized, intermediate to felsic metavolcanic rocks and sedimentary rocks located near the southern contact of the assemblage (Williams et al. 1991). The currently operating gold mines at Hemlo are the Williams, David Bell and Golden Giant mines. A comprehensive and detailed study of the Hemlo gold deposit area has recently been published by Muir (1997).

The Heron Bay assemblage consists predominantly of tholeiitic mafic metavolcanics and calc-alkalic intermediate to felsic pyroclastic rocks (Williams et al. 1991). Numerous thin ultramafic bodies have been mapped within the tholeiitic mafic metavolcanics (Muir 1982a).

Physiography and Quaternary Geology

Rugged topography characterizes the Schreiber-Hemlo area with local relief often in excess of 200 m. Extensive faulting of the Schreiber greenstone belt has resulted in steep and complex hillsides and cliffs, some of which extend for many kilometres. In the Hemlo region, the greatest relief is found in areas underlain by rocks of the Port Coldwell complex. By contrast, relief over heavily drift covered areas and granitic terrain throughout the entire region is less rugged, typically characterized by rounded hills and shallow slopes.

Systematic, detailed Quaternary geological mapping has not been conducted over the Schreiber-Terrace Bay greenstone belt. Reconnaissance Quaternary mapping, has been completed by Zoltai (1965). Engineering geology terrain maps (NOEGTS), at a scale of 1:100 000, were produced for the region in 1979 (Gartner 1979a-d). A more recent regional compilation of the Quaternary geology of the area (Figure 4) has been completed by Barnett et al. (1991). These sources indicate that surficial materials within the Schreiber-Terrace Bay area are sparse,

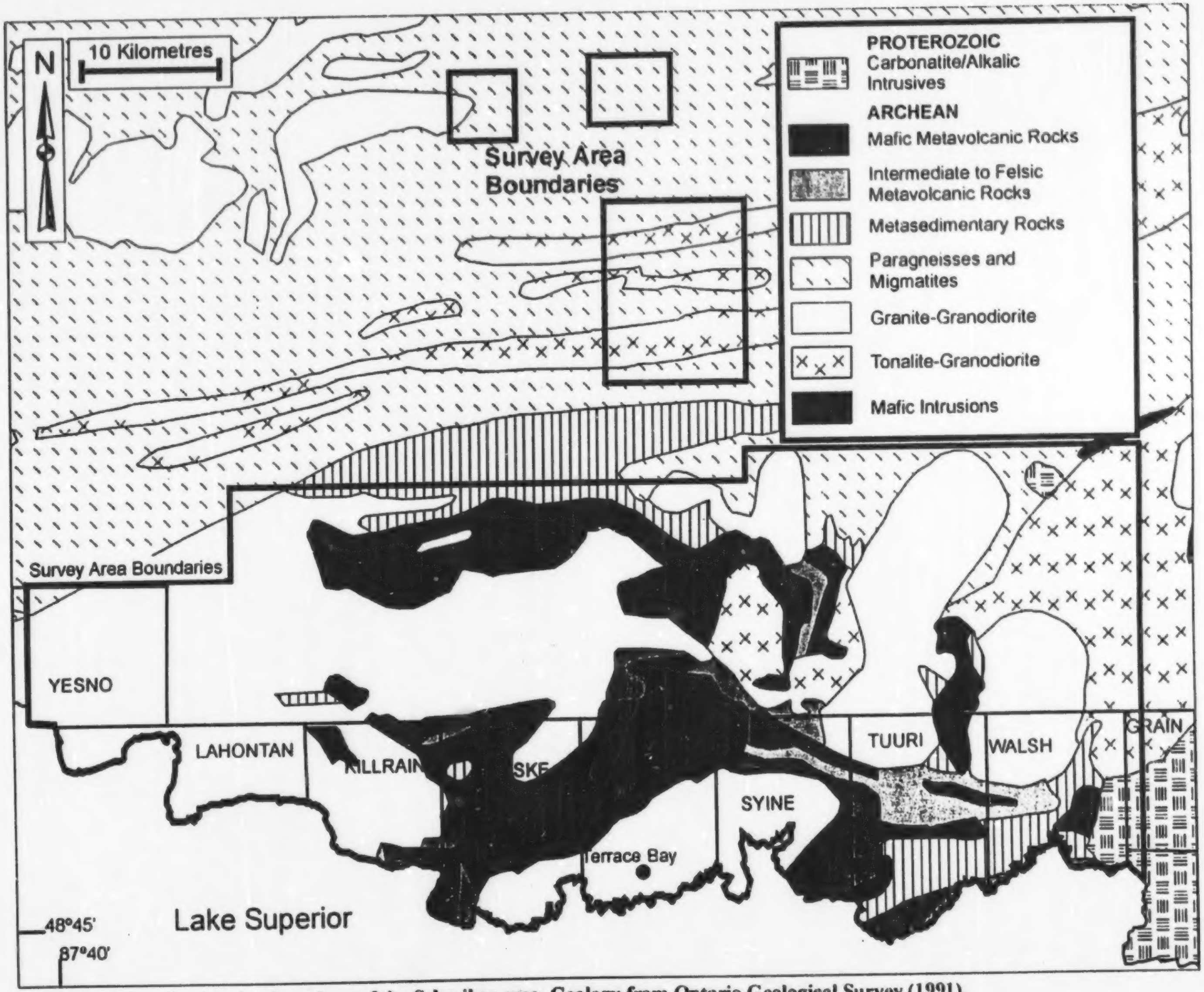

N
10 Kilometres
Survey Area Boundaries
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Paragneisses and Migmatites
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Survey Area Boundaries
YESNO
LAHONTAN
KILLRAIN
SKF
SYINE
TUURI
WALSH
GRAIN
Terrace Bay
Lake Superior
48°45'
87°40'

Figure 2. Generalized bedrock geology of the Schreiber area. Geology from Ontario Geological Survey (1991).

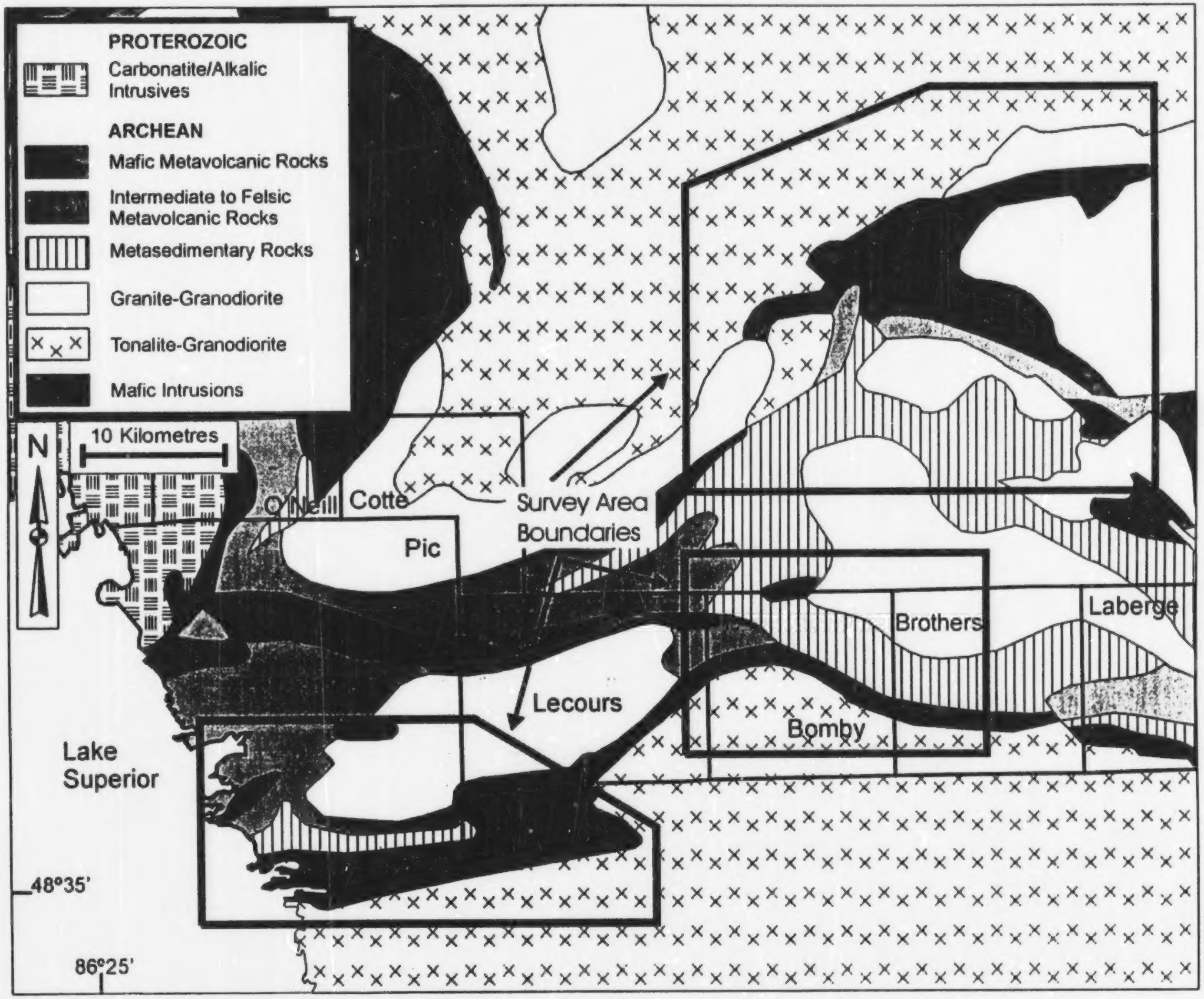

PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
N
10 Kilometres
O'Neill
Cotte
Pic
Survey Area Boundaries
Lecours
Brothers
Laberge
Bomby
Lake Superior
48°35'
86°25'

Figure 3. Generalized bedrock geology of the Hemlo area. Geology from Ontario Geological Survey (1991).

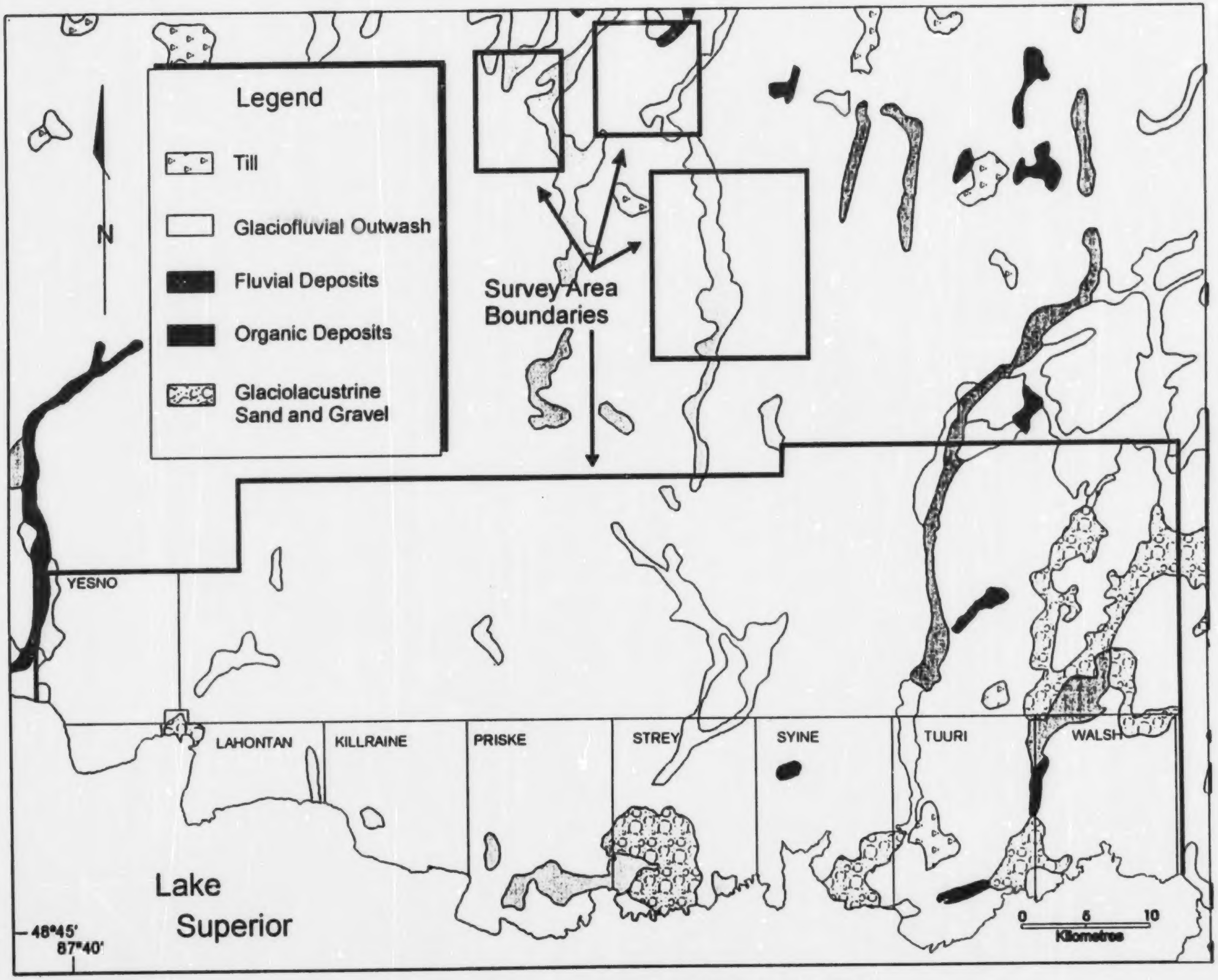

Legend
Till
Glaciofluvial Outwash
Fluvial Deposits
Organic Deposits
Glaciolacustrine Sand and Gravel
N
Survey Area Boundaries
YESNO
LAHONTAN
KILLRAINE
PRISKE
STREY
SYINE
TUURI
WALSH
Lake Superior
48°45'
87°40'
0
5
10
Kilometres

Figure 4. Generalized Quaternary geology of the Schreiber area. Geology from Barnett et al. (1991).

consisting predominately of a thin discontinuous veneer of drift (till) over bedrock. Glaciofluvial outwash deposits occupy most of the major river valleys, while glaciolacustrine sand, silt and clay are present along the lower reaches of several large rivers that drain into Lake Superior. Recent work in this region by Morris et al. (2000) identified several areas as potential kimberlite, base metal, gold and carbonatite exploration targets.

Reconnaissance Quaternary investigations of the Hemlo region have been completed by Boissoneau (1965) and Zoltai (1965). Engineering geology terrain maps (NOEGTS), at a scale of 1:100 000, were produced for the region by Gartner (1979a) and Gartner and McQuay (1980). More detailed (1:50 000 scale) Quaternary mapping was completed by Geddes and Bajc (1985a, 1985b) and Bajc and Kristjansson (1986). These studies indicate that surficial materials within the Hemlo region are highly variable in extent and thickness. The thickest accumulations (over 100 m) occur within the Black River Valley which trends eastward through the centre of Pic Township and along the northern portion of Lecours Township. Generalized Quaternary geology for the region is shown on Figure 5. Within the present study areas, the most extensive drift cover occurs in the White Lake area. Most of the western half of the White Lake study area is covered by till and glaciolacustrine deposits. Elsewhere, fluvial deposits and glaciofluvial outwash deposits occupy most of the major river valleys, particularly along the Pic River and the Black River valley.

METHODOLOGY

Sampling Methods

During the 1996 surveys, lake sediment and water samples were collected at 1433 sites for an average density of 1 sample per 2 km^2. Organic lake sediment samples were collected using a gravity corer operated from a helicopter float. In order to avoid anthropogenic influences and diagenetic cycling in the near surface environment only deep sediment (>20 cm below the sediment surface) was collected. The deep (>20 cm) lake sediment sample is assumed to be unaffected by modern anthropogenic influences and to best represent natural geochemical inputs. This assumption considers a consistent sedimentation rate in all of the sampled lakes and that the lake sediments deposited over the past several hundred years are undisturbed.

The ideal lake sediment sample consists of a very fine-grained, organic rich mud known as gyttia. Organic content of the samples is estimated by the results of loss-on-ignition (LOI) analysis in the laboratory. Ideally, the LOI of the lake sediment samples will fall between approximately 20% and 60%, resulting in a relatively consistent sample medium for the comparison of trace element geochemistry between sample sites. Significant inorganic constituents in a lake sediment sample, typically reflected by a LOI result of less than 20%, can dramatically skew the geochemistry of a sample, particularly the major and minor elements, relative to other organic sediment samples. This can result in major and minor element anomalies or dilution of the trace element geochemical signal. Conversely, LOI results over 60% may introduce scavenging effects (organic fixation) and accumulation of trace elements (notably base metals) due to the high organic content. Because of these factors, care should be exercised during the sample collection procedure to ensure that all samples are of a consistent nature. Exceptions that may adversely affect the geochemical results should be noted. Such exceptions may have to be filtered during the construction of the geochemical database. In this report, samples with less than 15% LOI were not included in the dataset used for the production of the geochemical dot plots in Appendix A and Appendix B. However, all data has been included in the digital MRD release and in Appendix C.

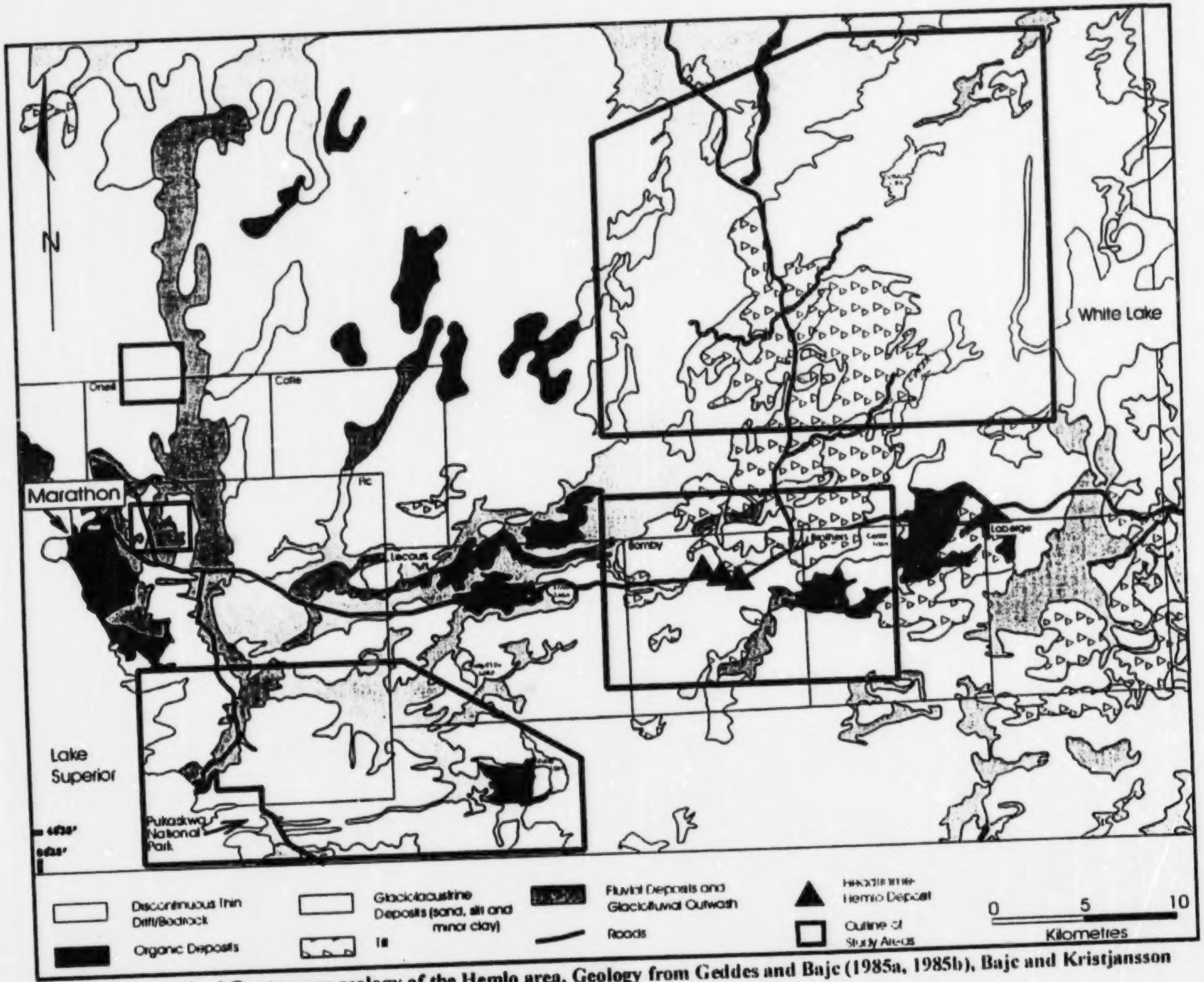

N
Oneil
Cotte
Pic
Marathon
Lecours
Bomby
Laberge
White Lake
Lake Superior
Pukaskwa National Park
Discontinuous Thin Drift/Bedrock
Organic Deposits
Glaciolacustrine Deposits (sand, silt and minor clay)
Till
Fluvial Deposits and Glaciofluvial Outwash
Roads
Headframe Hemlo Deposit
Outline of Study Areas
0
5
10
Kilometres

Figure 5. Generalized Quaternary geology of the Hemlo area. Geology from Geddes and Bajc (1985a, 1985b), Bajc and Kristjansson (1986) and Barnett et al. (1991).

A GPS receiver was utilized for navigation and to record accurate sample site positions.

Sample Preparation and Analytical Methods

Lake sediment samples were homogenized with Teflon stir sticks and split into 120 ml and 380 ml subsplits. The 120 ml samples were freeze dried (to retain volatile elements) and sieved to obtain the <80 mesh size fraction. The 380 ml subsplit of the lake sediments was oven dried (<80°C) and pulverized in a ceramic mill followed by sieving to obtain the <80 mesh size fraction. Laboratory analysis on archived material for Au and PGEs was performed by lead fire assay followed by an Induced Coupled Plasma-Mass Spectromentry (ICP-MS) finish. Sample pulp weights ranged from 3 to 10 gm, depending on the amount of archived material available. Samples from 1205 sites were submitted, with the remainder having insufficient material for analysis.

Samples with 10 gm of material available for analysis had detection limits for Au, Pt and Pd at 3, 0.3 and 0.3 ppb respectively. Samples with lower pulp weights had slightly higher detection limits. For calculation and quality control purposes, all samples were considered to be at the 10 gm level with respect to detection limits.

Loss-on-ignition (LOI) was determined at 500°C using an automated thermo-gravimetric furnace.

QUALITY CONTROL (QC) RESULTS

Lake Sediments

Analytical precision and accuracy of the lake sediment analyses was monitored using replicate analyses of certified reference materials (LKSD-1 to 4) and sample pulp duplicates randomly placed in the sample sequence. Table 1 contains data for the median, range and estimates of precision for the elements analyzed. The majority of the certified reference materials (CRMs) returned Au and PGE levels below detection limits. This was in part due to the low analyzed sample weights (3 to 5 gm) of most of the CRMs, which, for the FA/ICP-MS method, results in higher detection limits. Therefore, an assessment of accuracy is not possible and the assessment of reproducibility (precision) has relied on the results of the sample pulp duplicates. The estimates of precision in Table 1 were determined from the analytical results of 42 sample duplicate pairs. The precision of Au (±4 ppb), Pt (±1.5 ppb) and Pd (±1.3 ppb) are considered excellent for this analytical method, however it should be noted that the numbers of analyses returned below the method detection limits were 95.8%, 70.7% and 54.4% of all samples for Au, Pt and Pd, respectively. With such a large portion of the data below detection limits, it is difficult to maintain a high level of control over the data set, and as such the precision estimates should be used with some caution. Owing to the relatively small number of Au samples which returned measurable values, readers are referred to Dyer (1997, 1998) for a more complete assessment of Au in these areas. A complete listing of all the geochemical data used in the preparation of Table 1 is available in MRD-65, published separately from this report.

The selection of interval cutoffs for the production of the geochemical dot plots (Appendix A and Appendix B) takes into consideration the precision estimates in Table 1 in order to provide the most meaningful geochemical signatures for focusing exploration efforts and avoiding false anomalies.

Element	Analytical Method[1]	Units	MDL[2]	Median	Range		Estimated Precision[3]
					Min	Max	
Au	FA/ICP-MS	ppb	3	<3	<3	1100	±4
Pd	FA/ICP-MS	ppb	0.3	<0.3	<0.3	88.4	±1.3
Pt	FA/ICP-MS	ppb	0.3	<0.3	<0.3	61.5	±1.5
Ir	FA/ICP-MS	ppb	0.3	<0.3	<0.3	0.3	NA[4]
Rh	FA/ICP-MS	ppb	0.3	<0.3	<0.3	21.6	NA
LOI	Grav.	%	0.01	49.89	2.71	74.25	±1.84

[1] FA = Fire Assay; ICP-MS = Induced Coupled Plasma – Mass Spectrometry

[2] MDL = Method detection limit

[3] Estimated precision at 95% confidence level; FA/ICP-MS elements based on results of 42 duplicate pairs.

[4] Ir and Rh data are also provided, but are considered semi-quantitative only

Table 1: Summary of Au and PGE data sets including estimates of precision, Schreiber-Hemlo lake sediment surveys.

RESULTS

Proportional dot maps for Au, Pt, Pd, pH, conductivity, depth and LOI are plotted on generalized bedrock geology maps of the study areas and are presented in Appendices A and B. Lake sediment geochemical data for Au, Pt, Pd and LOI are contained in Appendix C. The selection of anomalous areas was determined by the presence of significant lake sediment geochemical results. The Mineral Deposit Inventory (MDI) and Geological Data Inventory Folios (GDIF) (Ontario Geological Survey 1985a-j) were the main resources used for determining the existence and location of mineral occurrences and previous exploration activity.

Twenty-two multi- and single-element anomalous areas have been defined (Figures 6 and 7) and are discussed in the following sections. Of note, lake sediment samples with LOI values of less than 15% have not been included on the proportional dot maps, but are included in MRD-65 and Appendix C. Elemental concentrations of Pd and Pt exceeding the 95th percentile of the data set are defined as "elevated", concentrations exceeding the 98th percentile are defined as "anomalous", and concentrations greater than the 99th percentile are defined as “highly anomalous”. Elemental concentrations of Au exceeding the 98th percentile of the data set are defined as "elevated", concentrations exceeding the 99th percentile are defined as "anomalous", and concentrations greater than the 99.5th percentile are defined as “highly anomalous”.

As of October 2000, many of the areas outlined in this report were open for staking. The approximate state of land tenure for the Schreiber and Hemlo areas is shown in Figures 8 and 9. The site locations for all samples taken during the 1996 surveys are shown in Figures 10, 11 and 12 (back pocket).

Description of Anomalous Areas – Schreiber

Area 1: Little Steel Lake Area – Pt, Pd, ±Au

This area contains several Pt and Pd lake sediment anomalies extending from the Little Steel Lake area northwestward through Black Fox Lake and up to Grassy Lake, a distance of over 6 km. These sites include 0006, 0007, 0013, 0017, 0026 and 0031-0034. Most of these sites correspond with elevated to highly anomalous levels of Cu and Ni (Dyer 1997). The highest values are located at site 0017, with 14.3 ppm Pt and 8.1 ppb Pd. Site 0026 also shows a highly anomalous value for Au of 26 ppb. The GDIF compilation (Ontario Geological Survey 1985d) indicates numerous ground and airborne EM and VLF anomalies throughout this area. In the Little Steel Lake area there is a Pb-Zn-Ag occurrence and diamond drill holes have reportedly

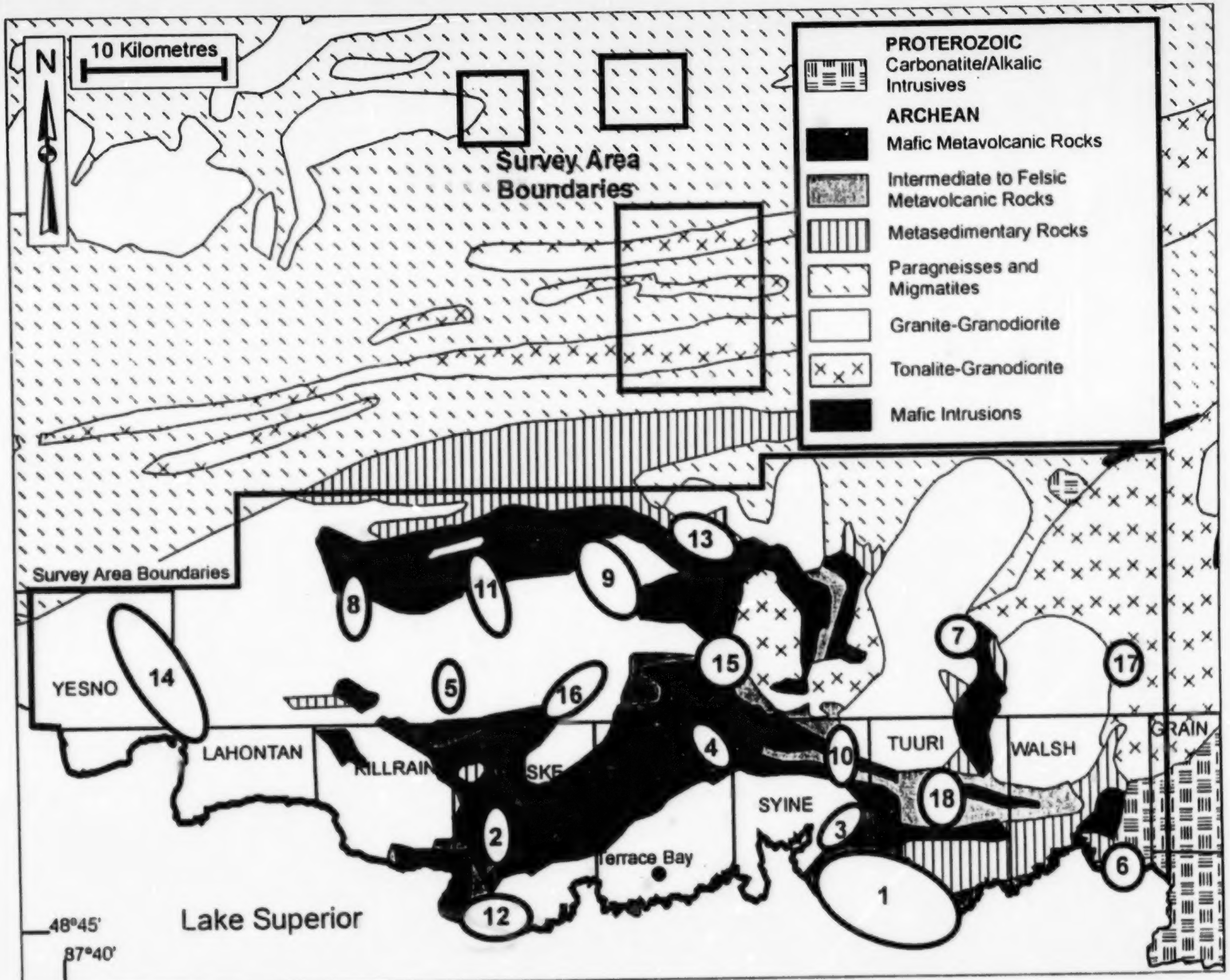

N
10 Kilometres
Survey Area Boundaries
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Paragneisses and Migmatites
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Survey Area Boundaries
YESNO
LAHONTAN
KILLRAIN
SKE
SYINE
TUURI
WALSH
GRAIN
Terrace Bay
Lake Superior
48°45'
87°40'
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

Figure 6. Location of geochemically anomalous areas, Schreiber area.

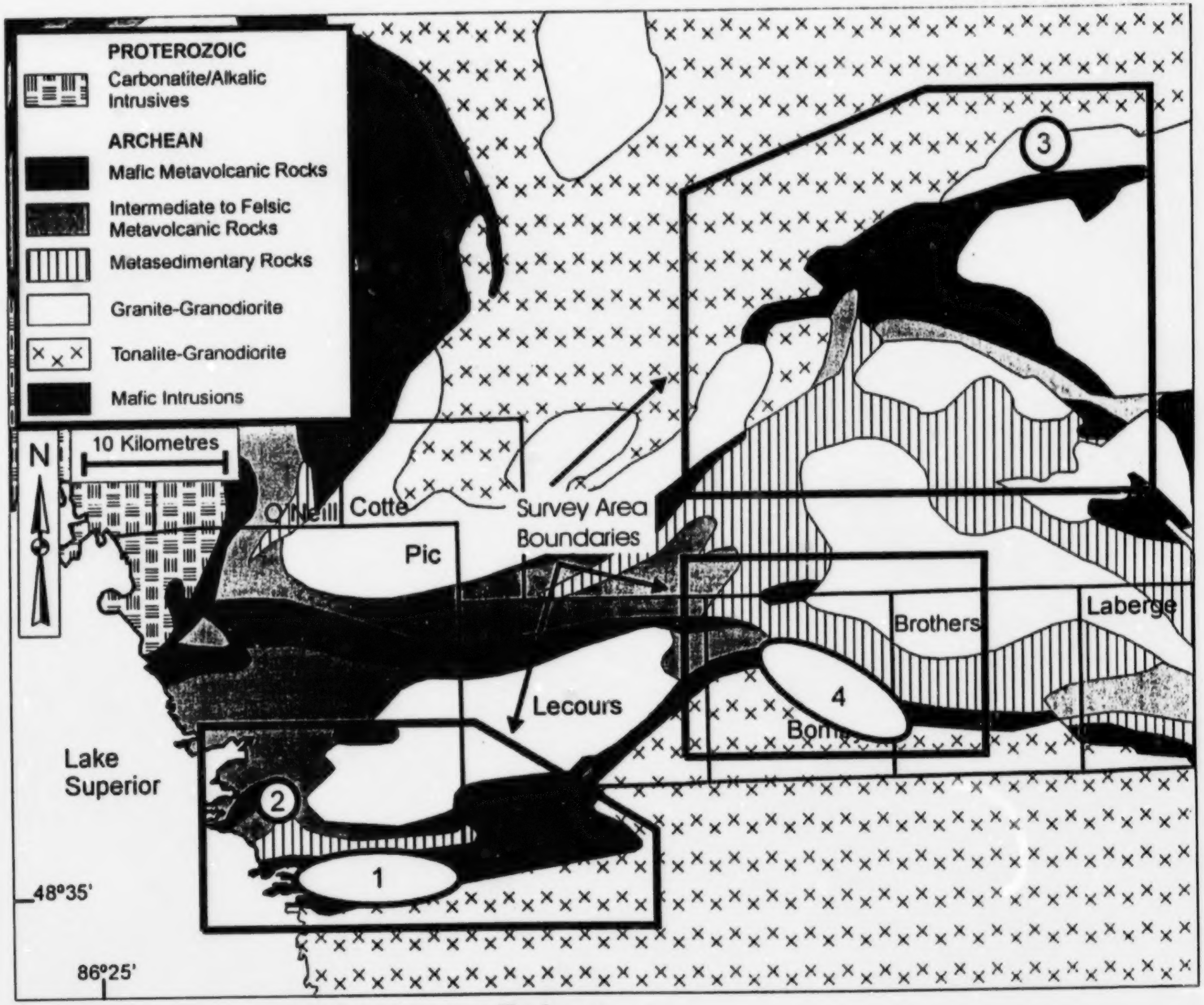

PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
N
10 Kilometres
O'Neill
Cotte
Pic
Survey Area Boundaries
Lecours
Brothers
Laberge
Bom
Lake Superior
1
2
3
4
48°35'
86°25'

Figure 7. Location of geochemically anomalous areas, Hemlo area.

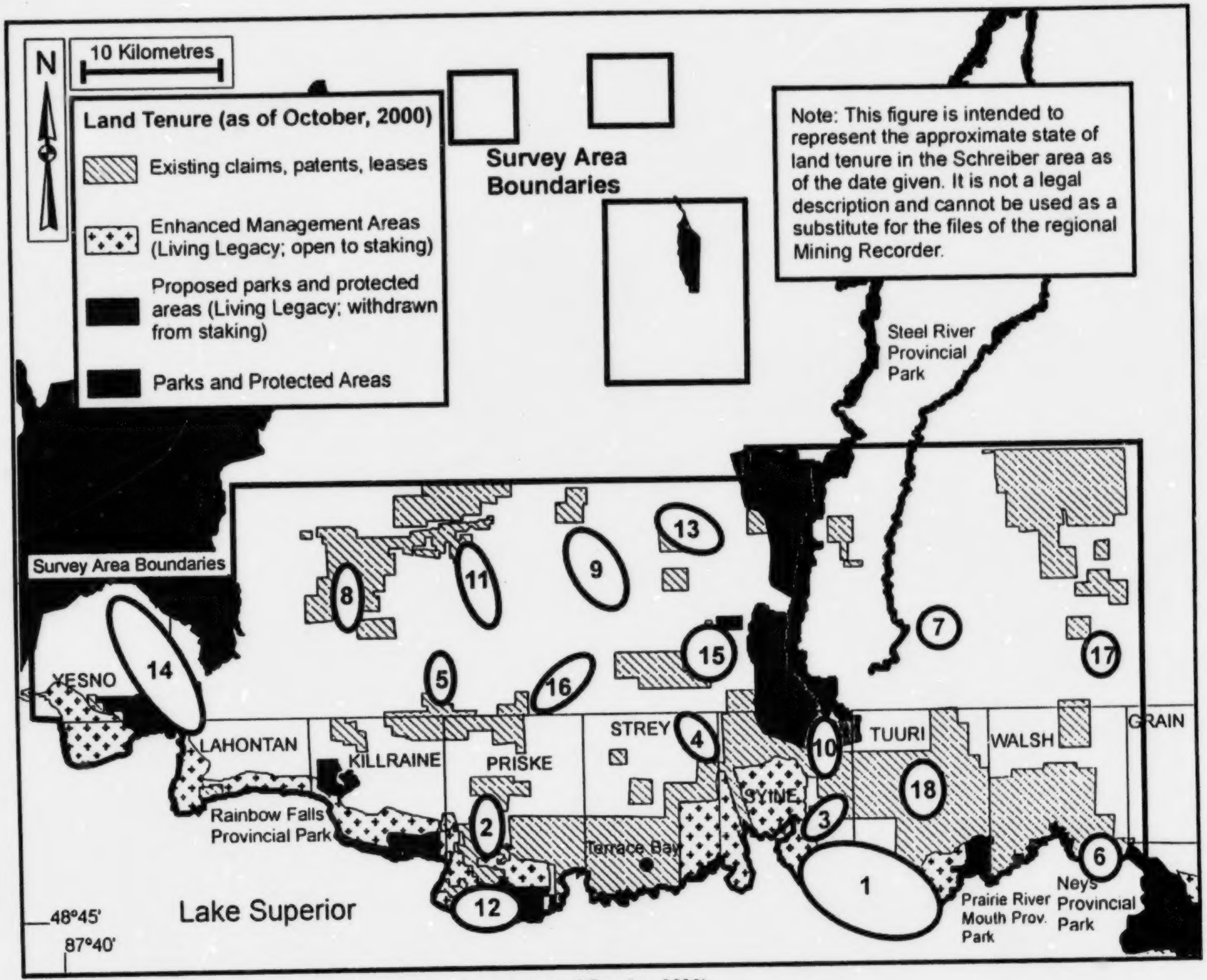
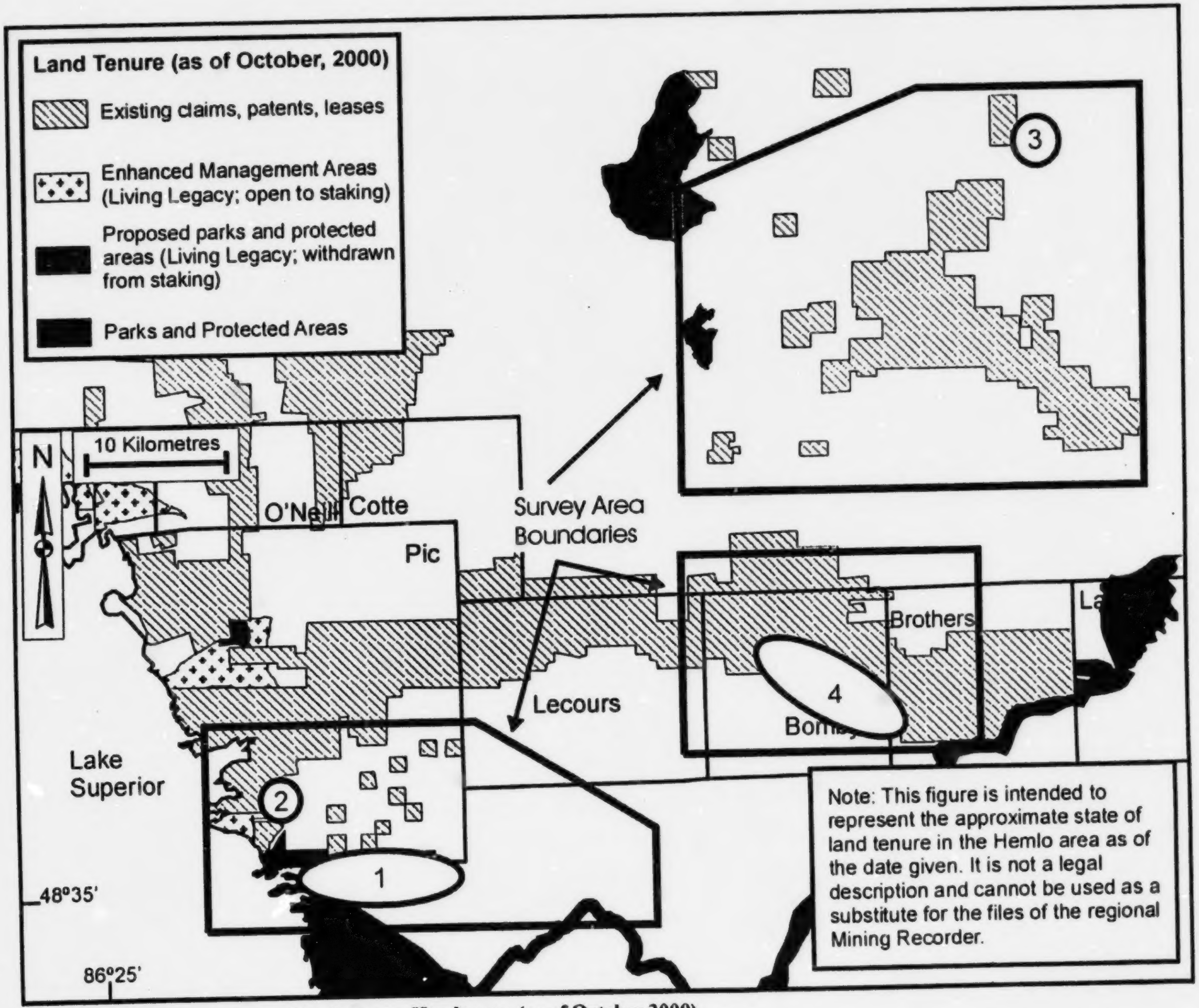

N
10 Kilometres
Land Tenure (as of October, 2000)
▨ Existing claims, patents, leases
Enhanced Management Areas (Living Legacy; open to staking)
■ Proposed parks and protected areas (Living Legacy; withdrawn from staking)
■ Parks and Protected Areas
Survey Area Boundaries
Note: This figure is intended to represent the approximate state of land tenure in the Schreiber area as of the date given. It is not a legal description and cannot be used as a substitute for the files of the regional Mining Recorder.
Steel River Provincial Park
Survey Area Boundaries
YESNO
LAHONTAN
KILLRAINE
PRISKE
STREY
SYINE
TUURI
WALSH
GRAIN
Rainbow Falls Provincial Park
Terrace Bay
Prairie River Mouth Prov. Park
Neys Provincial Park
Lake Superior
48°45'
87°40'
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

Figure 8. Approximate state of land tenure, Schreiber area (as of October 2000).


Land Tenure (as of October, 2000)
▨ Existing claims, patents, leases
Enhanced Management Areas (Living Legacy; open to staking)
Proposed parks and protected areas (Living Legacy; withdrawn from staking)
Parks and Protected Areas
N
10 Kilometres
O'Neill
Cotte
Pic
Survey Area Boundaries
Lecours
Brothers
Bom
La
Lake Superior
1
2
3
4
48°35'
86°25'

Note: This figure is intended to represent the approximate state of land tenure in the Hemlo area as of the date given. It is not a legal description and cannot be used as a substitute for the files of the regional Mining Recorder.

Figure 9. Approximate state of land tenure, Hemlo area (as of October 2000).

intersected pyrite, pyrrhotite, chalcopyrite and sphalerite mineralization. The geology of the area consists of metasediments (including chert, graphite and iron formation) and mafic intrusive bodies. Targets in this area include Ni-Cr-Cu-PGE related to the mafic intrusions and iron formation hosted Au and base metals. As well, the presence of graphite, chert and mafic intrusives, rock types with contrasting competencies, is encouraging for the localization and development of shearing along contacts. Subsequent production of dilatent zones for fluid migration are possible sites for Au and polymetallic mineralization. As of October 2000, much of this area was open for staking.

Area 2: Lamont Lake Area – Pt, Pd, ±Au

A cluster of 4 sites (1191, 1193, 1195, 1198) north of Lamont Lake, 2 km northeast of Schreiber, are elevated in Pd, while sites 1193 and 1198 also show elevated Pt levels. Associated with these are anomalous to highly anomalous values for Cu and Zn (Dyer 1997). These sample sites lie south of the McKenna-McCain Au-Cu-Pb occurrence, so they may, in part, reflect dispersion from that source. As well, a Au-sulphide showing known as the Von Lake occurrence lies just south of site 1195 (Carter 1988). A diamond drill hole put down in 1977 at the north end of Lamont Lake, near site 1193, intersected graphite, pyrite and chert (Ontario Geological Survey 1985c). Mapping by Carter (1988) shows the area to be structurally complex and underlain dominantly by gabbro and intermediate-mafic metavolcanic rocks.

Site 1192 also yields a weak Au values of 6 ppb. Dyer (1997) indicates that the waters for this site are anomalous in Au (7 ppt). This site is west of the Downey pyrite-pyrrhotite occurrence and is underlain by intermediate-mafic metavolcanics (Carter 1988). An airborne EM conductor lies just south of this lake site (Ontario Geological Survey 1985c).

Site 1191 has associated anomalous Cu, As, Sb and elevated Ni and Au (Dyer 1997). This sample site is located approximately 1 km north of the past producing Harkness-Hays (Au-Ag-Mo) Mine and approximately 1.5 km west, along strike, of the Otisse (Hays Lake) Au occurrence. The geology in the vicinity of this lake site has been mapped as mafic metavolcanic rocks with minor intermediate metavolcanics and felsic intrusives (Carter 1988). As of October 2000, this area was open to staking.

Area 3: Santoy Mountain Area – Pt, Pd

Sites 0002 and 0003 near Santoy Mountain returned elevated levels of Pd (3.5 ppb and 4.1 ppb respectively). Site 0002 also shows an elevated level of Pt (1.8 ppb). Site 0002 was previously reported to have anomalous Cu, Ni (323 ppm), Zn (823 ppm), Mo and 4 ppb Au (Dyer 1997). Two MDI occurences, both Cu-Ni showings, are nearby. One is approximately 200 m from site 0002 and is called the Jackfish Lake occurrence. The other, approximately 1 km to the east, is called the Little Santoy Lake occurrence. An aeromagnetic anomaly underlies the lake at site 0002 and extends for approximately 1 km, from the Jackfish Lake occurrence eastward, almost to the Little Santoy lake occurrence (Ontario Geological Survey 1985d). This area is very close to the contact between the Terrace Bay Batholith and metavolcanic rocks, a favourable location for gold mineralization. Walker (1967) shows the area to be underlain by mafic and felsic metavolcanic rocks. Rusty siliceous graphitic schist has been mapped very close to the lake at site 0002.

To the northeast, site 0040 also shows elevated levels of Pt and Pd (1.7 ppb and 5.1 ppb), however there are no corresponding Cu-Ni anomalies, so this result should be treated with some caution. As of October 2000, parts of this area were open to staking.

Area 4: Bews Lake Area – Pt, Pd, ±Au

Two lakes in this area returned highly anomalous values for both Pt and Pd. Site 0576 has values of 10.3 ppb for Pt and 9.6 ppb for Pd. Site 0903 has 17.3 ppb for Pd and 60.0 ppb for Pt (the second highest value in the survey). This site also shows a weak gold value of 7 ppb. Site 0576 has corresponding elevated Cu and Zn values (115.8 and 216.7 ppb respectively) but a high LOI value (61.22%), which may indicate organic scavenging at this site. LOI for site 0903 is within acceptable limits at 49.38%. Bedrock geology of the area is shown as mafic to intermediate metavolcanic rocks with minor metasedimentary and intrusive rocks and related migmatites (Ontario Geological Survey 1991). There is also extensive faulting in the area. As of October 2000, this area was open to staking.

Area 5: North Needle Lake Area – Pt, Pd

Site 1072 has anomalous Pd and highly anomalous Pt, site 0684 has anomalous Pd and site 1078 has elevated Pt. Dyer (1997) reports sites 0684, 1077 and 1079 as having elevated to anomalous Cu and Au, and sites 0684 and 1077 with elevated Au. The general geology has been mapped as granite/tonalite, locally leucocratic with pegmatitic phases (Carter 1988). Several faults transect the area, trending roughly northward and northwestward. It is likely that this area has seen little, if any, exploration activity. As of October 2000, this area was open to staking.

Area 6: Middleton Area – Pt, Pd

Site 1221 is highly anomalous in Pd and anomalous in Pt. This area is underlain by metasediments and rocks of the Coldwell complex, including gabbro and laurvikite (Puskas 1967). Exploration for Cu and Fe was carried out in this area and several diamond drill holes were put down south of sites 1221 and 1222 (Ontario Geological Survey 1985b). Several airborne radiometric and EM anomalies occur in the vicinity of site 1220 (Ontario Geological Survey 1985b) which lies to the northwest of sites 1221 and 1222. This area may warrant further investigation for PGE-base metal±Au mineralization. As of October 2000, this area was fully staked.

Area 7: Larry Lake Area – Pt, Pd

There are 2 lakes in this area (sites 0441 and 0443) with elevated values of Pt and Pd. This area also shows a tight cluster of 4 lakes (sites 0440-0443) with anomalous Ni and elevated Cr in lake sediment and anomalous Ni and Cr in water (Dyer 1997). The bedrock geology consists of strongly metamorphosed mafic metavolcanics, mafic intrusive, granite and granite pegmatite (Walker 1967). It is possible that the Ni and Cr levels in this area reflect a naturally higher background due to the dominance of mafic intrusive bedrock in the area. However, numerous parallel airborne EM conductors are located in the area, particularly near sites 0442 and 0443 (Ontario Geological Survey 1985h). As of October 2000, this area was open to staking.

Area 8: Winston Lake Area – Pd

The Winston Lake area is located at the southwest end of the Big Duck Lake volcanic sequence. The geology of the area consists of a calc-alkalic felsic volcanic package overlain by tholeiitic basalts and intruded by a gabbro sill (Severin and Balint 1985). The gabbro occurs at the contact between the mafic and felsic sequences. The area is bordered to the north, west and south by granitic plutons. The Zenith Cu-Zn, Winston Lake Cu-Zn and Pick Lake Cu-Zn orebodies occur in this area.

Site 0879 at Kenabic Lake is elevated in Pd, with strongly anomalous levels of Zn, Co, Cd and Cu. The lake water is anomalous in Cd, Co, Ni and Zn. These anomalous results are due to the mineralization associated with the past producing Zenith Mine which is located adjacent to Kenabic Lake. The levels of metals have been exacerbated due to weeping adits which have drained into Kenabic Lake for many years (Dyer 1997).

Farther to the south, sites 0880 and 0881 have weak Pd levels and 0882 contains highly anomalous levels of Pd. These lakes are up-drainage from site 0879, however, so these values cannot be directly attributed to the Zenith Mine. They may in part be related to a bedrock source in the underlying gabbroic sill. It is important to note that there is an access road for this area to the east of these sites. The road is uphill from these lakes and movement of mine equipment and materials along this route may have, in part, contributed to the levels present in this area. As of October 2000, much of this area was staked.

Area 9: Harvie Lake/Creek Area – Pt, Pd

Very few mineral occurrences or showings are known in this area. Favourable geology includes a mixture of mafic metavolcanic rocks, gabbro-diorite and felsic intrusives (Carter 1988). Also, numerous faults are mapped in the area.

Three hydrologically separate sites in this area returned elevated to highly anomalous values for Pt and Pd. Site 0911 yielded 4.2 ppb for Pd and 2.5 ppb for Pt. Site 0913 results were 16.7 ppb Pd and 61.5 ppb Pt – the highest value in this dataset. Site 0745 returned elevated Pd and Pt values. All 3 lakes show average background levels for LOI, but none have corresponding Cu-Ni anomalies associated with them. Some lakes to the north have elevated to anomalous levels of Cu, W, ±Au and Mo, possibly associated with a west-trending aeromagnetic anomaly running between sites 0838 and 0841 (Dyer 1997).

Sites 0911 and 0913 appear to lie within felsic intrusive rocks, but may be associated with a fault system and some localized mafic intrusions. Site 0745 appears to be underlain by either a mafic intrusion or an intrusive margin.

The lack of Cu-Ni anomalies associated with the Pt and Pd raises some concern, but all of the other factors indicate that further investigation in this area is warranted. As of October 2000, this area was open for staking.

Area 10: McCraig Lake-Gordon Lake Area – Pt, Pd

The geology in this area consists of intercalated mafic and felsic metavolcanics and gabbro adjacent to the Terrace Bay Batholith (Walker 1967). Site 0085 returned highly anomalous values for both Pt and Pd, though there are no corresponding Cu-Ni anomalies at this site. Dyer (1997) reports that sites 0081 to 0083, 0086, 0089 and 0091 returned anomalous Zn, ± Cu. The anomalies at sites 0082, 0083, 0084 and 0091 are probably influenced by Fe-Mn enrichment (scavenging) and/or high organic content. Several VLF anomalies occur in the vicinity of these sites (Ontario Geological Survey 1985d). As of October 2000, some of this area was staked, while other parts of it are located within a proposed conservation area and are not available for staking.

Area 11: Big Duck Lake Area – Au, ±Pt

Numerous gold occurrences (and associated base metal sulphides) are known in the Big Duck Lake area, primarily associated with the contacts between the Big Duck Lake porphyry and the surrounding metavolcanic rocks (Schneiders and Smyk 1989). Most of the mineral occurrences are located along the northern porphyry-metavolcanic contact.

Sites 0696 and 0863 to 0865, situated along the same drainage system from Big Duck Lake to the south, are elevated to anomalous in Au (9 to 16 ppb). In addition, they all have associated anomalous Cu and Zn levels. The nearest mineralization, known as the Quartz Stockwork occurrence, is located approximately 0.5 km to the southwest of site 0865. The mineralization occurs at the contact between quartz porphyry, mafic metavolcanics and gabbro-diorite and a coincident fault structure (Pye 1964). South of this occurrence at site 0866, obtaining a sediment sample was not possible due to a hard lake bottom; the lake water, however, returned anomalous Ag, Mo and Ni (Dyer 1997). This area has potential for porphyry contact zone type mineralization. Relatively high levels of Au in the Big Duck Lake sediment (up to 16 ppb) are likely a reflection of the numerous gold showings in the area.

Site 0860 is located about 1 km to the southeast, near the contact between the mafic metavolcanics and the southern felsic intrusives. This site returned a slightly elevated level of Pt, with an associated weak elevation in Cu. Due to the lack of Pd or corresponding Ni anomalies and the precision of Pt (±1.5), this result should be interpreted with caution. As of October 2000, the area around sites 0696 and 0863 to 0865 were staked. The area around site 0860 was open for staking.

Area 12: Worthington Bay Area— Au, ±Pd

Two sample sites (1188, 1189) in this area returned anomalous Au values. The lake sediment at site 1188 returned 12 ppb Au, strongly elevated Pd (5.2 ppb) and has associated anomalous Cu. Dyer (1997) reported a gold value at this site of 15 ppb. This site is located approximately 500 m southeast of the past producing North Shore Gold Mine and approximately 300 m southwest of the Worthington Bay Pb-Ag-Zn occurrence. This Au anomaly may reflect dispersion from both of these occurrences, although given the high Zn content, it most likely indicates mineralization from a source similar to the Worthington Bay occurrence. An airborne EM conductor underlies the lake at site 1188, trending eastward for a distance of approximately 1 km (Ontario Geological Survey 1985j). The geology in the immediate vicinity of site 1188 consists of syenite and intermediate metavolcanic rocks (Carter 1988).

Site 1189 has an elevated gold value of 11 ppb. This site is shown as having 18 ppb Au by Dyer (1997). It appears to overlie granitic terrain along the northeast shore of Worthington Bay. Schneiders et al. (1990) describe gold occurrences discovered by local prospectors in the general vicinity of sites 1189 and 1190. The showings consist of sulphide mineralized fracture zones and sulphide bearing quartz-carbonate veins in syenite. Carter (1988) also discovered 2 showings of sulphide mineralization along the shore of Worthington Bay. One of these occurrences is due south of site 1189 and consists of a shear zone in syenite, mineralized with massive pyrite and chalcopyrite, which assayed 0.03 oz/t Au and 1.90% Cu. Further east along the shore, the second occurrence consists of a mineralized zone of massive pyrite, chalcopyrite and secondary malachite in a 9 m wide diabase dike intruding syenite. A grab sample yielded trace Au, 2.76 oz/t Ag, 1.09% Cu and trace Ni (Carter 1988). As of October 2000, this area was not open to staking.

Area 13: Aquasabon Lake Area – Au

Site 0364 shows an elevated value for Au of 8 ppb. This may be associated with the elevated Au values at sites 0359 and 0361 to 0363 described by Dyer (1997), although those values were not repeated in the analyses covered by this report. Bartley (1942) shows the geology to consist of mafic metavolcanics in contact with granitic rocks. To the west, a mix of metasedimentary rocks and granites have been mapped by Carter (1988). An aeromagnetic anomaly trending northeast is located just south of site 0359 (Ontario Geological Survey 1985i). This discrete geochemical Au anomaly, particularly the cluster of sites 0361 to 0364, may warrant further investigation, but the lack of reproducibility between the INAA and FA/ICP-MS gold results is not encouraging. As of October 2000, a small block of claims was present about 500 m to the southwest of site 0364.

Area 14: Kelly Lake Area – Pt, Pd

Four lakes in this area were identified as having Pt and Pd anomalies. Sites 0533 and 0543 are anomalous in Pd and highly anomalous in Pt. Sites 0538 and 0541 show weakly elevated Pd. None of these sites have corresponding Cu-Ni values. This area has not been mapped in any detail but is presumed to be underlain by granitic rocks of the Whitesand Lake Batholith. Dyer (1997) reports a REE-Ba-Pb-U-Be geochemical signature and coincident magnetic high to the north of these sites which show some resemblance to the geochemistry over the Prairie Lake alkalic intrusive and the Coldwell complex. Gupta (1991) also indicates a local magnetic high in this area, the margin of which may coincide with the anomalies at sites 0533, 0538, 0541 and 0543. More detailed work would be required to verify this interpretation. As of October 2000, much of this area was open to staking. The area around site 0543 was not available for staking.

Area 15: Owl Creek Area – Au, ±Pt, ±Pd

Site 0400 yielded 12 ppb Au, repeating the value reported in Dyer (1997). This site is approximately 2 km southeast of the Owl Lake occurrence, where mineralization consists of Mo, Cu and traces of Au in quartz veins near the contact with granite and mafic metavolcanic rocks (Carter 1988). This area is structurally favourable as it is near the Harvie Creek fault structure. In addition, the geological setting is interesting because it is near the contact between tonalite, mafic metavolcanics, intermediate-felsic metavolcanics and granite.

Site 0348 has elevated Pt and Pd (2.2 ppb and 2.8 ppb respectively), but no associated Cu-Ni. This site is underlain by tonalite-granodiorite rocks. Considering these factors and the estimated precision levels of Pt and Pd, caution should be exercised when interpreting this result. As of October 2000, this area was open to staking.

Area 16: Syenite Lake Area – Pt, Pd

This area crosses the boundary between felsic intrusive rocks and mafic metavolcanics. Site 1061, in the southwest part of this area, has anomalous Pt and Pd. Dyer (1997) does not report any Cu-Ni anomalies for this site, however the geology is favourable: the lake lies within a mafic metavolcanic unit, is underlain by a fault and is adjacent to a quartz porphyry intrusion.

To the northeast of this area, site 0579 returned highly anomalous values for Pt and Pd, and elevated values for Au. This site has no corresponding data from the ICP-MS data set of Dyer (1997). Mapping in the area indicates that the underlying geology is granite/syenite

(Harcourt and Bartley 1939). This anomaly should be interpreted with caution. As of October 2000, this area was open to staking.

Area 17: Glory Lake Area – Pt, Pd

The Glory Lake Area is underlain by extensive tonalite-granodiorite intrusive rocks. Site 0149 has anomalous Pd and elevated Pt. A lack of associated anomalies, a high LOI value of 60.43% and a low sample weight (5 gm) suggest that this result may be spurious. As of October 2000, this area was open to staking.

Area 18: Spider Lake – Pd, Au

The geology of the Spider Lake area is dominantly felsic metavolcanics with minor mafic metavolcanic rocks. Southwest of Spider Lake, site 0244 has highly anomalous Au (35 ppb). Other base metal anomalies have been reported in the area (e.g., Dyer 1997; Ontario Geological Survey 1985d), but there is a notable lack of Au. Dyer (1997) did not report any gold at site 0244. As such, the Au results from this site are not encouraging.

Site 0412 returned a highly anomalous value for Pd (23 ppb). However, this site failed to show any Pt values, and there is a lack of corroborating Cu-Ni anomalies. The low analyzed sample weight (3 gm) also suggests that this result may be suspect. As of October 2000, this area was not open to staking.

Description of Anomalous Areas – Hemlo

Area 1: West Gus Lake Area – Pt, Pd

The geology of the West Gus Lake area consists of massive and pillowed tholeiitic mafic metavolcanics with lenses of gabbro and peridotite (Muir 1982a). The most significant of the lake sediment geochemical anomalies are from sites 2037, 2044, 2050, 2051 and 2055. The anomalous lake sites form an elongate east-trending linear zone located in the southernmost portion of the Heron Bay greenstone belt. All of these sites returned strongly elevated Pd and sites 2037, 2044 and 2051 have elevated to anomalous Pt. Elevated to anomalous values for Cu, Ni, ±Cr, ±Ag, ±Cd, ±V were reported by Dyer (1998) This area has potential to host magmatic Cu-Ni±Au±PGE deposits. As of October 2000, much of this area was open to staking.

Area 2: Heron Bay-Pic River Area – Pt, Pd

Geology in this area consists of intermediate and mafic metavolcanics (Muir 1982a). The lake at site 2019 drains westward towards Lake Superior. The lake sediment at site 2019 has elevated values for Pt and Pd. Dyer (1998) reports anomalous Zn, Ag, V and elevated levels of Cu, Cd, Cr and heavy REEs. As previously recommended by Dyer (1998), further investigation at this site is warranted. As of October 2000, the area around site 2019 was not open to staking.

Area 3: Dotted Lake Area – Pd, Pt

The bedrock geology in the area of site 2133 is mapped as granite-granodiorite and tonalite-granodiorite. This site returned highly anomalous values for both Pt and Pd (45 ppb and 13 ppb respectively). Dyer (1998) indicates no associated Cu-Ni values with this site. Given this, as well as the unfavourable geology of the area and the low analyzed sample weight (3 gm), this result should be treated with caution. As of October 2000, a small block of claims was present immediately west of site 2133.

Area 4: Molson Lake-Hemlo Mine Area – Au, Pd

Sites 2108 and 2111 returned highly anomalous and elevated Au (26 and 8 ppb respectively). Hornbrook (1989) reported pre-Hemlo development lake sediment Au data for lake sample site 2111 as 2 ppb. Furthermore, the lake waters from sites 2108 and 2111 are anomalous in Au, Mo, Sb and conductivity (Dyer 1998). The geochemical signature is similar to that of Moose Lake (variety of anomalies including Au, Hg, Mo, Pb, As, Sb, W, Ba, Bi and Sn) suggesting that there are anthropogenic contributions to these lakes. It is expected that the lake sediment anomalies are due to contamination from the mining operations in the area.

The Au and lake sediment anomalies in sites 2098, 2100, 2106 and 2107, are due to the tailings pond, polishing pond and effluent discharge of the Williams Mine. Sites 2106 and 2107 are from lakes near the tailings at Molson Lake and the polishing pond to the south of Molson Lake. Site 2106 is down drainage from the polishing pond. All 4 of the lakes in this locality have highly anomalous water conductivities, indicating high element loadings. Frank Lake (sample site 2100), located to the east, receives the final discharge from the effluent treatment plant. The Pd anomaly at site 2098 has no corresponding Cu-Ni anomalies, and does not lie within favourable geology, suggesting that this result may be spurious and should be treated with caution. As of October 2000, this area was not open to staking.

CONCLUSIONS

Preliminary interpretation of Au and PGE analyses for the Schreiber-Hemlo lake sediment surveys indicates the presence of 22 anomalous areas. The target areas contain both multi-element and single element anomalies. Many of the multi-element anomalies are considered priority areas for further exploration activities, while some are the direct result of anthropogenic influences. The single element anomalies may also warrant further investigation, particularly if they are located in regions of favourable geology or known mineralization occurrences.

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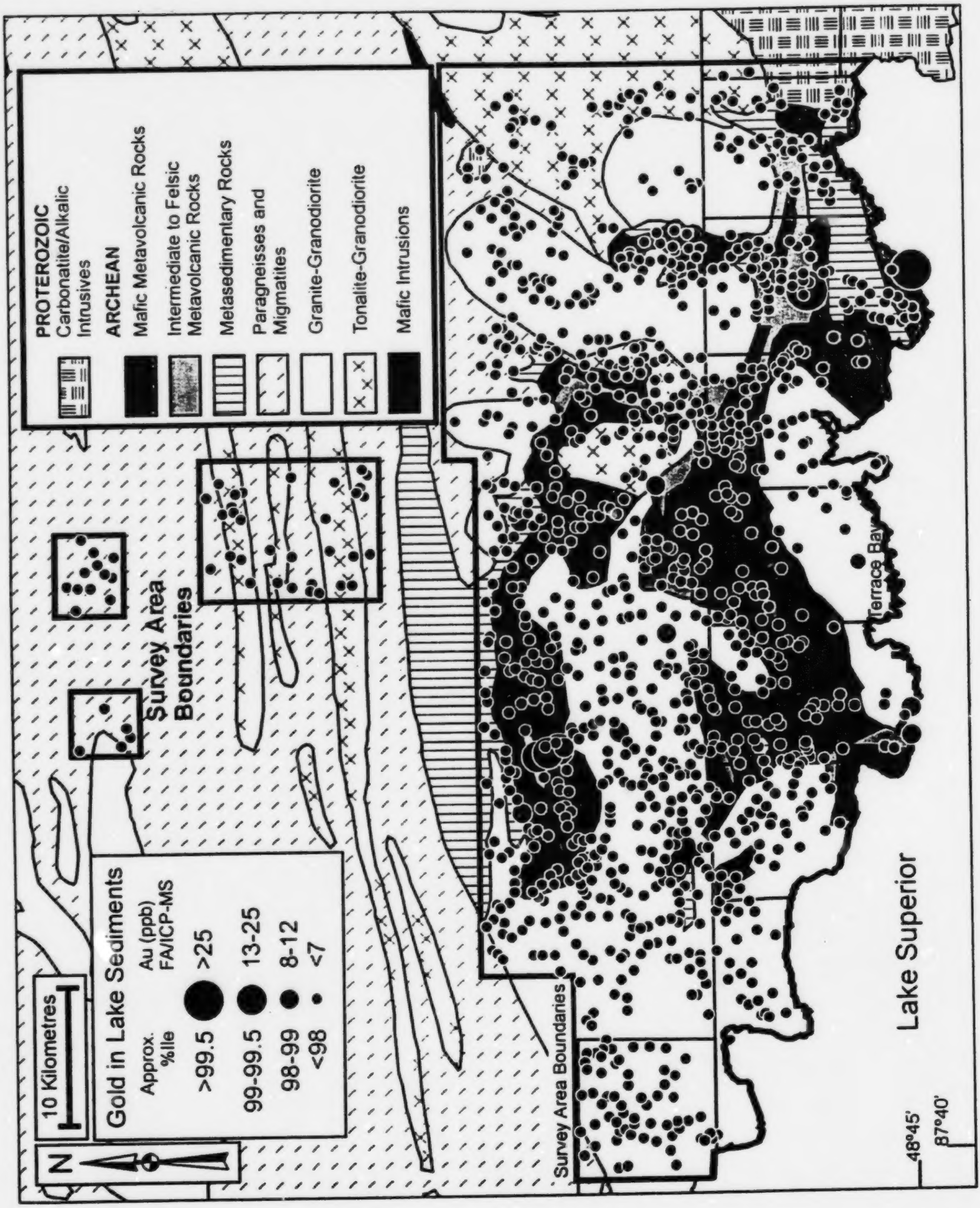
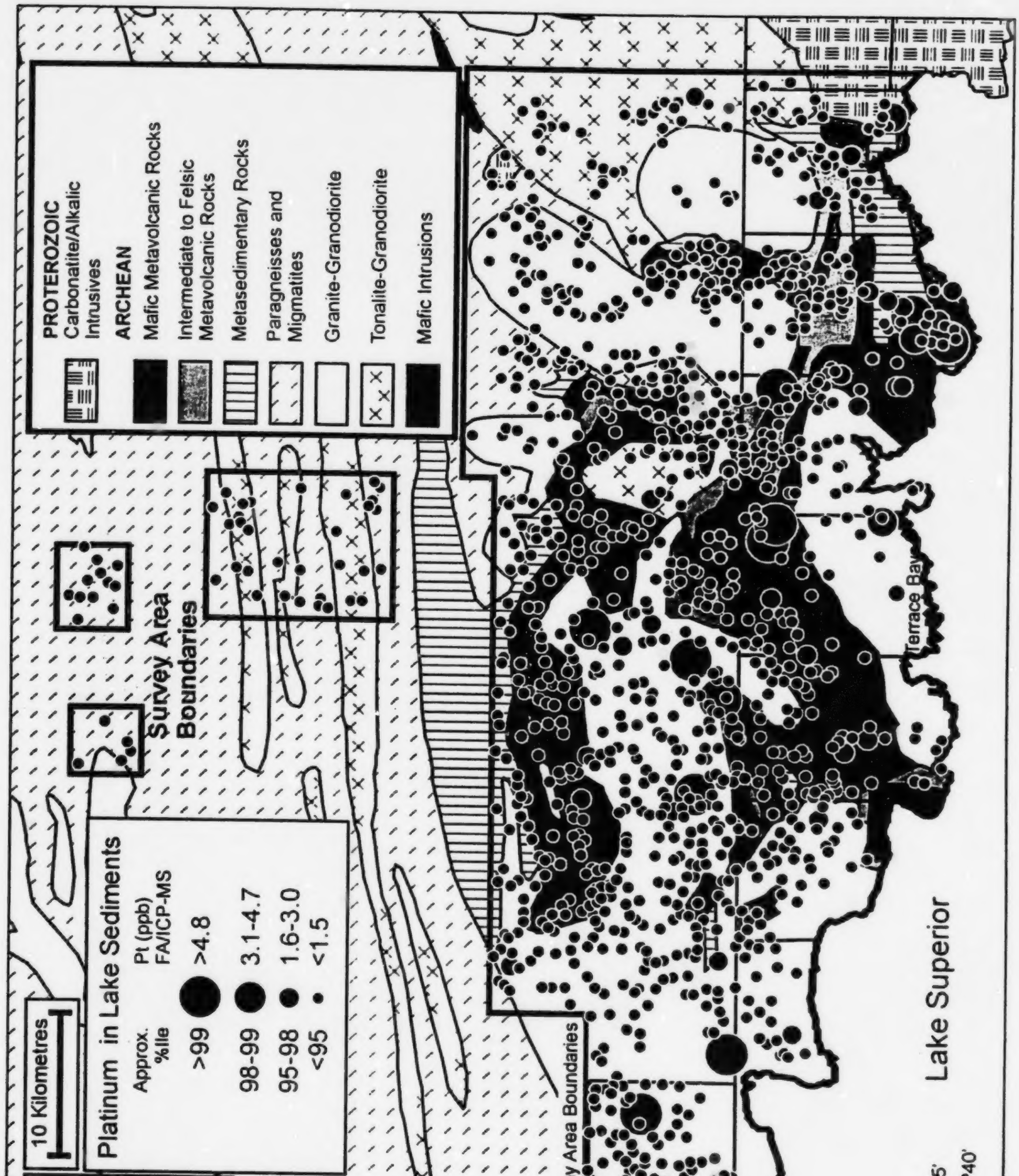
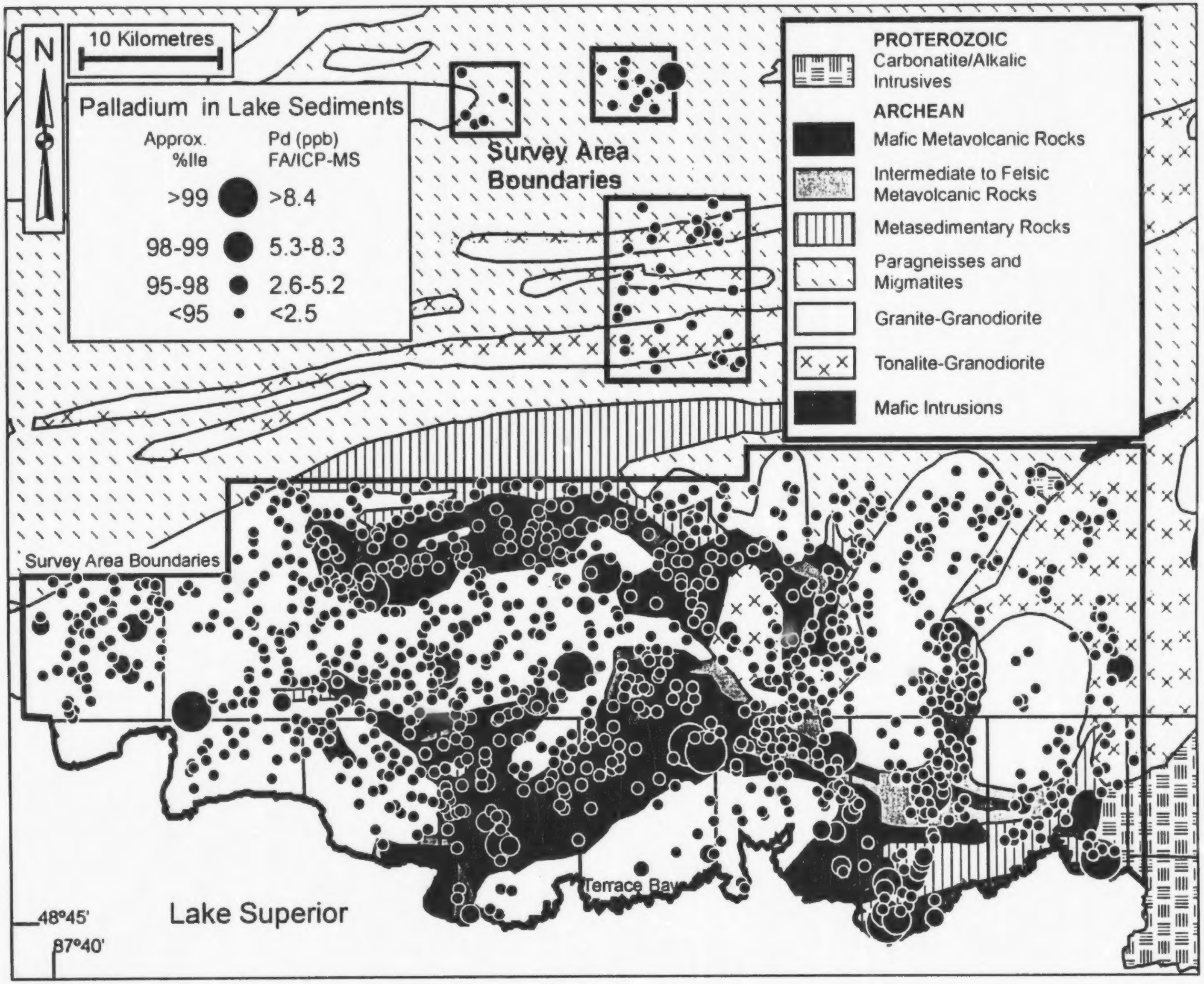
APPENDIX A

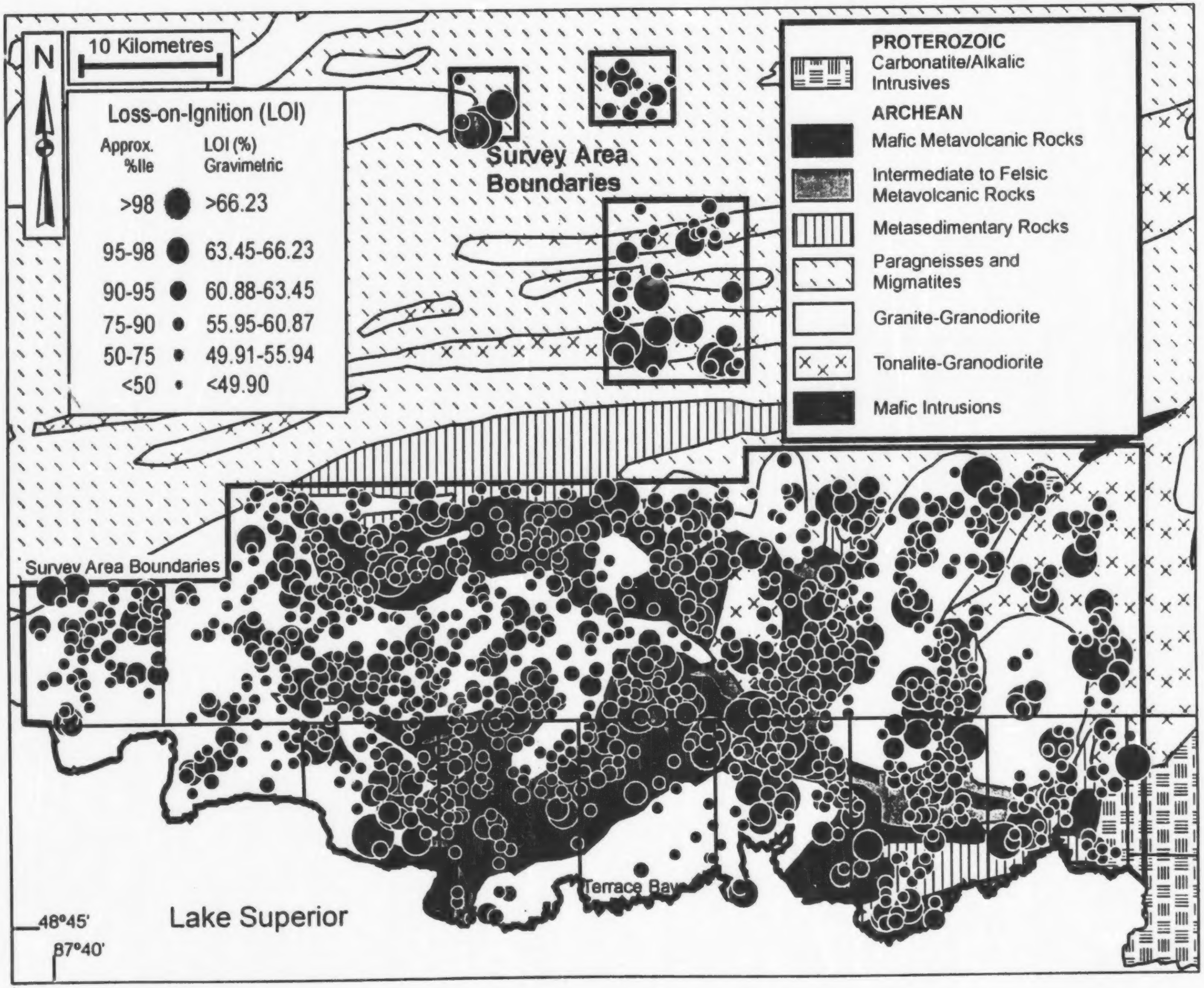
Proportional Dot Maps of Lake Sediment Geochemistry
Schreiber Area



N
10 Kilometres
Gold in Lake Sediments
Approx. %ile
Au (ppb) FA/ICP-MS
>99.5 >25
99-99.5 13-25
98-99 8-12
<98 <7
Survey Area Boundaries
Survey Area Boundaries
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Paragneisses and Migmatites
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Terrace Bay
Lake Superior
48°45'
87°40'

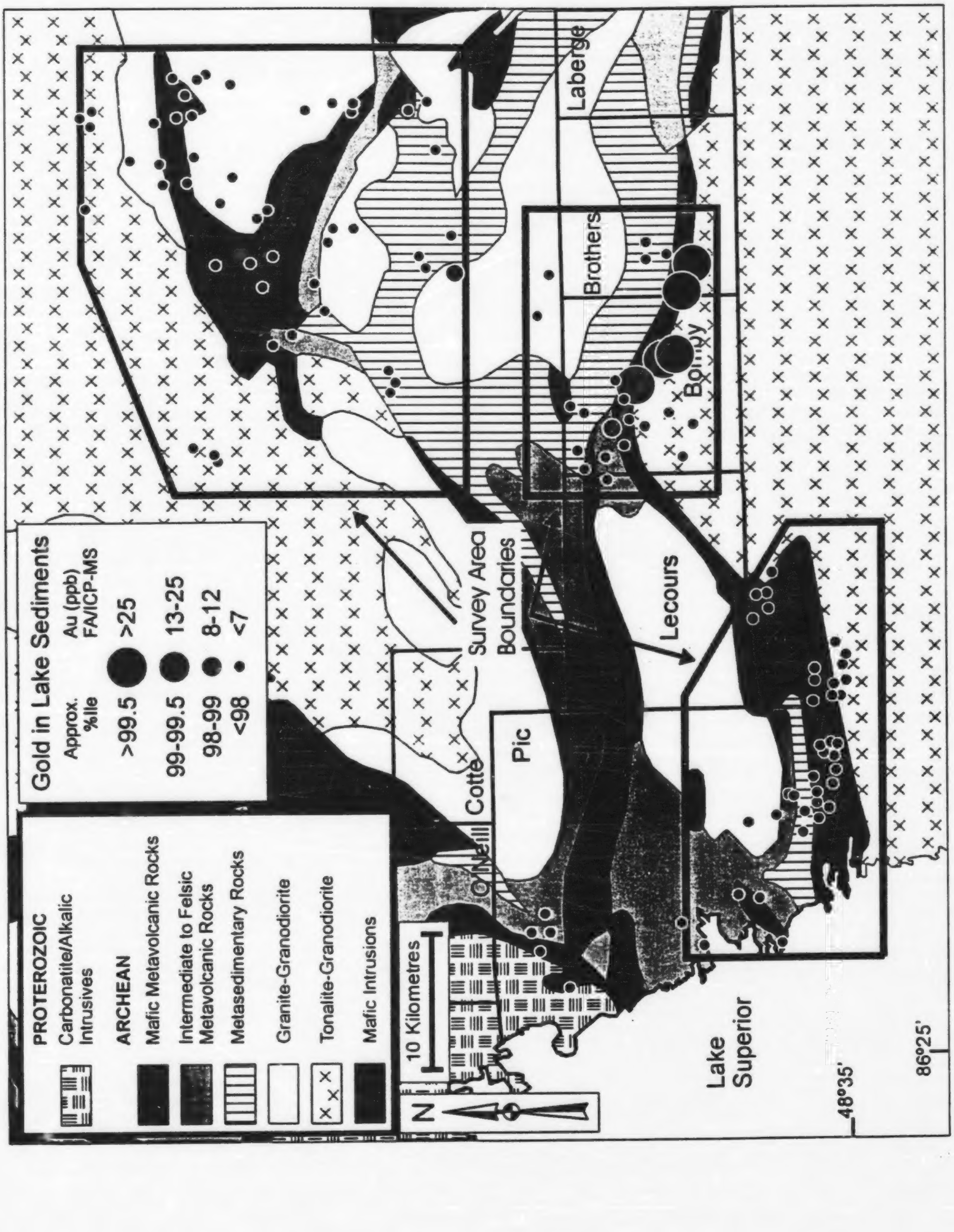

N
10 Kilometres
Platinum in Lake Sediments
Approx. %ile
Pt (ppb) FA/ICP-MS
>99
>4.8
98-99
3.1-4.7
95-98
1.6-3.0
<95
<1.5
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Paragneisses and Migmatites
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Survey Area Boundaries
Survey Area Boundaries
Terrace Bay
Lake Superior
48°45'
87°40'

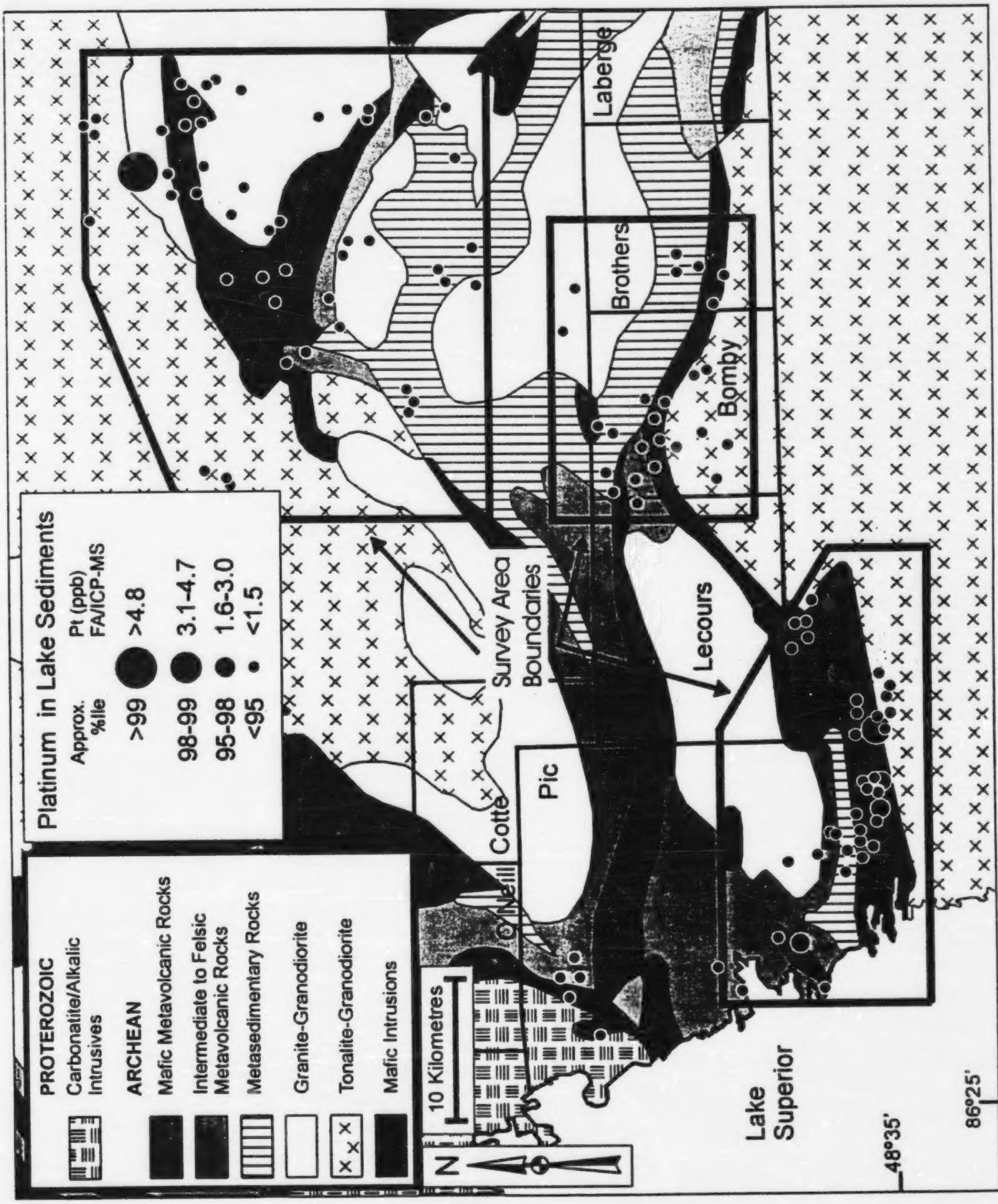

N
10 Kilometres
Palladium in Lake Sediments
Approx. %ile
Pd (ppb) FA/ICP-MS
>99 ● >8.4
98-99 ● 5.3-8.3
95-98 ● 2.6-5.2
<95 • <2.5
Survey Area Boundaries
Survey Area Boundaries
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Paragneisses and Migmatites
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Terrace Bay
Lake Superior
48°45'
87°40'

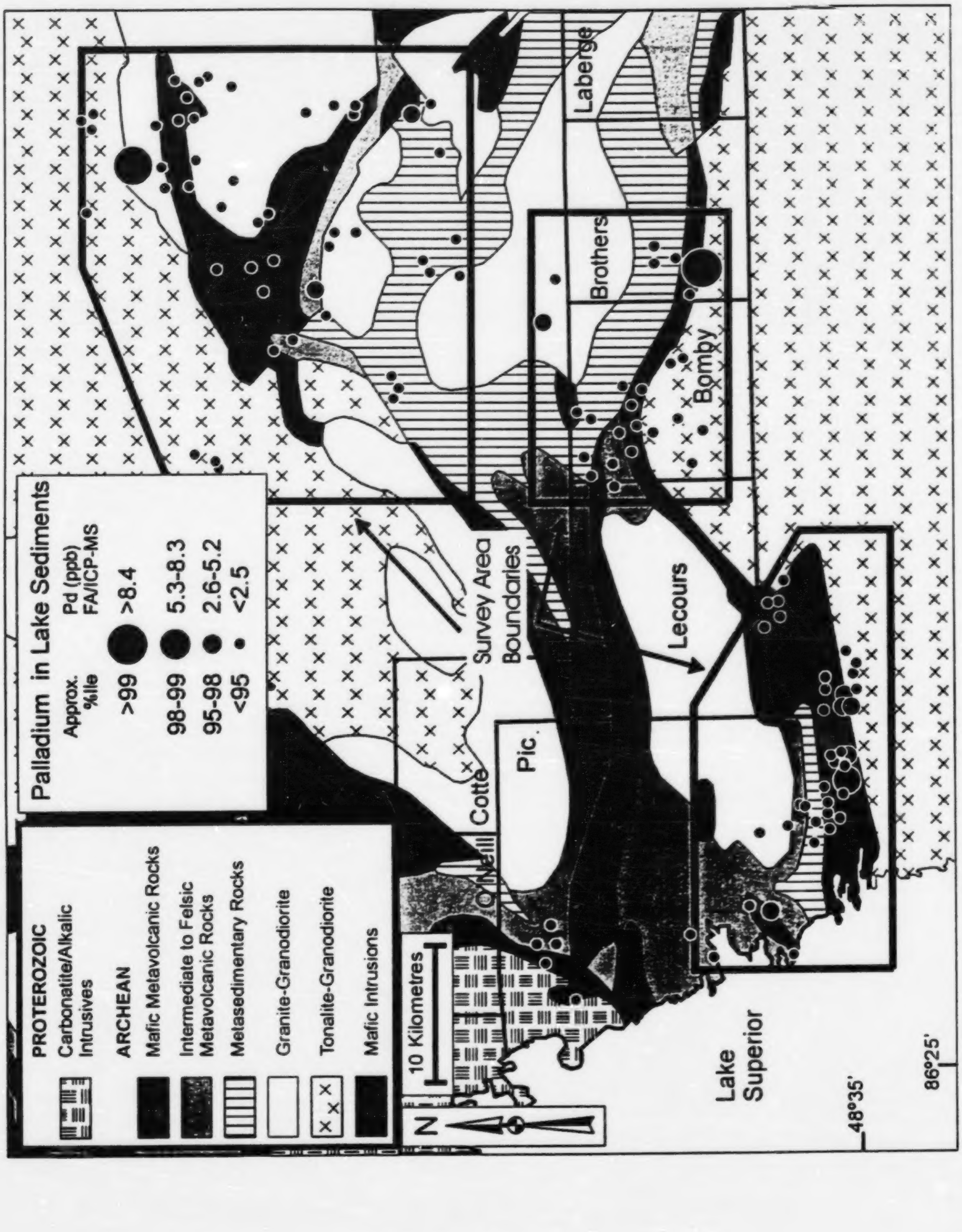

N
10 Kilometres
Loss-on-Ignition (LOI)
Approx. %ile
LOI (%) Gravimetric
>98 >66.23
95-98 63.45-66.23
90-95 60.88-63.45
75-90 55.95-60.87
50-75 49.91-55.94
<50 <49.90
Survey Area Boundaries
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Paragneisses and Migmatites
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Survey Area Boundaries
Terrace Bay
48°45'
87°40'
Lake Superior

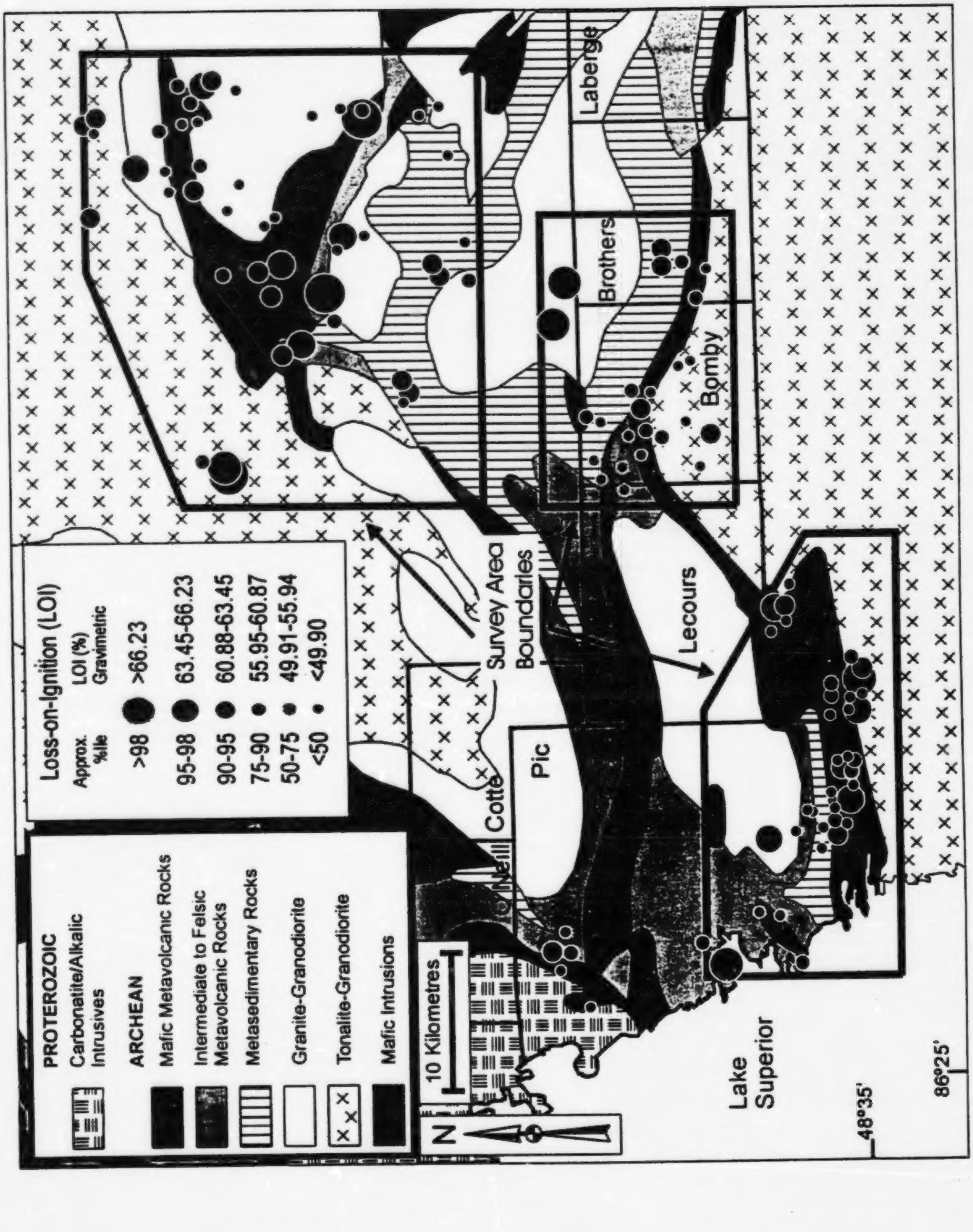
APPENDIX B

Proportional Dot Maps of Lake Sediment Geochemistry
Hemlo Area


PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Gold in Lake Sediments
Approx. %ile
Au (ppb) FA/ICP-MS
>99.5
>25
99-99.5
13-25
98-99
8-12
<98
<7
Survey Area Boundaries
10 Kilometres
N
Lake Superior
48°35'
86°25'
O'Neill
Cotte
Pic
Lecours
Bomby
Brothers
Laberge


PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Platinum in Lake Sediments
Approx. %ile
Pt (ppb) FA/ICP-MS
>99 >4.8
98-99 3.1-4.7
95-98 1.6-3.0
<95 <1.5
Survey Area Boundaries
10 Kilometres
N
Lake Superior
48°35'
86°25'
O'Neill
Cotte
Pic
Lecours
Bomby
Brothers
Laberge


Palladium in Lake Sediments
Approx. %ile
Pd (ppb) FA/ICP-MS
>99 >8.4
98-99 5.3-8.3
95-98 2.6-5.2
<95 <2.5
PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
10 Kilometres
N
Survey Area Boundaries
Laberge
Brothers
Bomby
Lecours
Pic
Cotte
O'Neill
Lake Superior
48°35'
86°25'


PROTEROZOIC
Carbonatite/Alkalic Intrusives
ARCHEAN
Mafic Metavolcanic Rocks
Intermediate to Felsic Metavolcanic Rocks
Metasedimentary Rocks
Granite-Granodiorite
Tonalite-Granodiorite
Mafic Intrusions
Loss-on-Ignition (LOI)
Approx. %ile
LOI (%) Gravimetric
>98 >66.23
95-98 63.45-66.23
90-95 60.88-63.45
75-90 55.95-60.87
50-75 49.91-55.94
<50 <49.90
Survey Area Boundaries
Lecours
Pic
Cotte
Neill
Bomby
Brothers
Laberge
10 Kilometres
N
Lake Superior
48°35'
86°25'

APPENDIX C

Lake Sediment Analytical Data for Rh, Pd, Ir, Pt, Au and LOI

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
1	96-RDD-0001	504840	5407664	-0.3	1.8	-0.3	0.7	-3	12.00	10
2	96-RDD-0002	505377	5406874	-1.0	3.5	-1.0	1.8	-10	60.63	3
3	96-RDD-0003	506340	5406757	-0.3	4.1	-0.3	0.8	5	21.22	10
4	96-RDD-0004	506098	5406159	-0.3	1.1	-0.3	0.7	-3	10.07	10
5	96-RDD-0005	506177	5405154	-0.3	33.3	-0.3	12.6	7	8.48	10
6	96-RDD-0006	506766	5404343	-0.3	4.4	-0.3	2.3	4	48.12	10
7	96-RDD-0007	506733	5403992	-1.0	2.5	-1.0	2.3	-10	58.80	3
10	96-RDD-0011	508198	5404333	-0.6	-0.6	-0.6	-0.6	-6	50.87	5
13	96-RDD-0014	509873	5403240	-1.0	6.9	-1.0	3.9	-10	51.42	3
14	96-RDD-0015	509808	5402655	-0.3	3.3	-0.3	1.3	-3	46.61	10
15	96-RDD-0016	509691	5402027	-0.6	1.8	-0.6	1.4	-6	29.42	5
16	96-RDD-0017	509564	5401292	-0.6	1.2	-0.6	0.7	-6	57.60	5
17	96-RDD-0018	509782	5401056	-1.0	8.1	-1.0	14.3	-10	62.42	3
18	96-RDD-0019	509845	5400459	-0.6	33.5	-0.6	1.0	-6	52.28	5
19	96-RDD-0021	510514	5400577	-0.6	5.6	-0.6	1.3	-6	50.30	5
21	96-RDD-0023	510725	5401176	-0.3	1.8	-0.3	1.4	-3	52.72	10
22	96-RDD-0024	511317	5401605	-0.6	2.1	-0.6	1.7	-6	61.44	5
23	96-RDD-0025	510890	5402395	-0.3	1.8	-0.3	1.3	-3	36.84	10
24	96-RDD-0026	511514	5402200	-0.6	0.7	-0.6	-0.6	-6	57.07	5
25	96-RDD-0027	513193	5401897	-0.6	0.7	-0.6	0.7	-6	46.29	5
26	96-RDD-0028	513267	5400705	-1.0	3.5	-1.0	1.8	26	57.14	3
29	96-RDD-0032	513253	5406238	-0.3	0.8	-0.3	2.1	3	58.75	10
30	96-RDD-0033	513073	5406620	-0.3	1.4	-0.3	0.6	-3	38.58	10
31	96-RDD-0034	512564	5405045	-0.3	3.2	-0.3	2.0	-3	43.00	10
32	96-RDD-0035	512487	5404597	-1.0	4.2	-1.0	2.9	-10	56.22	3
33	96-RDD-0036	512195	5403913	-0.3	4.8	-0.3	2.8	-3	25.14	10
34	96-RDD-0037	511590	5403475	-0.3	7.0	-0.3	4.8	-3	45.17	10
35	96-RDD-0038	511070	5404113	-0.3	1.8	-0.3	1.0	-3	44.68	10
36	96-RDD-0039	510947	5405219	-0.6	-0.6	-0.6	-0.6	-6	39.45	5
37	96-RDD-0041	510493	5405026	-0.3	2.4	-0.3	0.4	5	32.27	10
38	96-RDD-0042	508530	5405994	-0.6	-0.6	-0.6	-0.6	-6	60.98	5
39	96-RDD-0043	508727	5407292	-0.3	0.6	-0.3	0.4	-3	7.47	10
40	96-RDD-0044	507430	5408005	-0.6	5.1	-0.6	1.7	-6	57.23	5
41	96-RDD-0045	503769	5407558	-0.3	0.5	-0.3	0.6	-3	7.51	10
42	96-RDD-0046	503901	5408932	-0.3	0.6	-0.3	0.4	-3	7.95	10
43	96-RDD-0047	502416	5409493	-0.6	-0.6	-0.6	-0.6	-6	74.25	5
44	96-RDD-0048	502601	5408954	-0.6	-0.6	-0.6	-0.6	-6	56.04	5
45	96-RDD-0049	502928	5408161	-0.3	1.7	-0.3	0.8	-3	38.32	10
48	96-RDD-0053	501097	5407905	-1.0	-1.0	-1.0	-1.0	-10	62.79	3
49	96-RDD-0054	500954	5408185	-1.0	-1.0	-1.0	-1.0	-10	59.25	3
52	96-RDD-0057	500183	5409838	-0.6	-0.6	-0.6	-0.6	-6	63.44	5
53	96-RDD-0058	501818	5410616	-1.0	-1.0	-1.0	-1.0	-10	58.09	3
54	96-RDD-0059	501519	5409601	-0.6	-0.6	-0.6	-0.6	-6	50.10	5
55	96-RDD-0061	502739	5410749	-0.3	0.9	-0.3	0.7	3	38.49	10
56	96-RDD-0062	502262	5411315	-0.6	-0.6	-0.6	-0.6	-6	55.47	5
57	96-RDD-0063	501342	5411871	-0.3	0.5	-0.3	-0.3	-3	52.72	10
58	96-RDD-0064	501142	5413000	-0.6	-0.6	-0.6	-0.6	-6	67.57	5
59	96-RDD-0065	501215	5413198	-0.6	-0.6	-0.6	-0.6	-6	59.72	5
60	96-RDD-0066	500582	5413656	-0.6	-0.6	-0.6	-0.6	-6	59.72	5
61	96-RDD-0067	500903	5414216	-1.0	-1.0	-1.0	-1.0	-10	64.83	3
62	96-RDD-0068	500629	5415347	-0.6	0.7	-0.6	0.6	-6	67.21	5
63	96-RDD-0069	501058	5415451	-0.6	1.3	-0.6	1.6	-6	56.28	5
64	96-RDD-0071	501308	5414405	-0.6	-0.6	-0.6	-0.6	-6	54.28	5
65	96-RDD-0072	501730	5414364	-0.6	0.7	-0.6	0.7	-6	63.20	5
66	96-RDD-0073	502353	5413667	-0.6	0.8	-0.6	-0.6	-6	52.82	5
67	96-RDD-0074	503240	5413113	-0.3	0.8	-0.3	0.5	-3	61.23	10
68	96-RDD-0075	502648	5413117	-1.0	-1.0	-1.0	-1.0	-10	67.86	3
69	96-RDD-0076	501741	5412513	-0.6	-0.6	-0.6	-0.6	-6	50.31	5
70	96-RDD-0077	502385	5412501	-0.6	-0.6	-0.6	-0.6	-6	65.18	5
71	96-RDD-0078	503108	5412570	-0.3	0.7	-0.3	0.5	-3	55.13	10

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
72	96-RDD-0079	502397	5414492	-0.6	-0.6	-0.6	-0.6	-6	53.35	5
73	96-RDD-0081	502511	5415170	-1.0	-1.0	-1.0	-1.0	-10	64.44	3
74	96-RDD-0082	503307	5414496	-0.6	0.7	-0.6	-0.6	-6	58.76	5
75	96-RDD-0083	503570	5414681	-0.6	-0.6	-0.6	-0.6	-6	46.71	5
76	96-RDD-0084	503464	5415357	-0.6	-0.6	-0.6	-0.6	-6	46.58	5
77	96-RDD-0085	503268	5415862	-1.0	-1.0	-1.0	-1.0	-10	56.70	3
78	96-RDD-0086	504054	5415543	-0.6	-0.6	-0.6	-0.6	-6	50.98	5
79	96-RDD-0087	505343	5415835	-0.6	-0.6	-0.6	-0.6	-6	54.81	5
80	96-RDD-0088	505611	5414905	-0.6	-0.6	-0.6	-0.6	-6	49.82	5
81	96-RDD-0089	505691	5414277	-1.0	-1.0	-1.0	-1.0	-10	54.80	3
82	96-RDD-0091	505439	5413051	-0.6	0.6	-0.6	-0.6	-6	52.62	5
83	96-RDD-0092	504914	5412129	-0.6	-0.6	-0.6	-0.6	-6	67.49	5
84	96-RDD-0093	503974	5412130	-0.6	-0.6	-0.6	-0.6	-6	65.40	5
85	96-RDD-0094	506450	5412325	-1.0	13.7	-1.0	37.3	-10	52.67	3
86	96-RDD-0095	506303	5411580	-0.3	1.4	-0.3	0.6	-3	56.59	10
88	96-RDD-0097	506331	5410937	-0.6	0.9	-0.6	0.7	-6	57.81	5
89	96-RDD-0098	505882	5410897	-0.6	0.7	-0.6	0.7	-6	49.89	5
90	96-RDD-0099	504930	5409514	-0.3	0.5	-0.3	0.7	-3	43.17	10
91	96-RDD-0101	506485	5409888	-1.0	-1.0	-1.0	-1.0	-10	55.87	3
92	96-RDD-0102	510509	5414272	-1.0	-1.0	-1.0	-1.0	-10	56.53	3
93	96-RDD-0103	512124	5416995	-1.0	-1.0	-1.0	-1.0	-10	66.99	3
95	96-RDD-0105	516453	5421977	-1.0	-1.0	-1.0	-1.0	-10	55.59	3
96	96-RDD-0106	520946	5428236	-0.3	0.8	-0.3	-0.3	-3	5.41	10
97	96-RDD-0107	522420	5428164	-1.0	-1.0	-1.0	-1.0	-10	57.86	3
98	96-RDD-0108	524135	5426697	-1.0	-1.0	-1.0	-1.0	-10	60.59	3
99	96-RDD-0109	524072	5427642	-1.0	-1.0	-1.0	-1.0	-10	62.02	3
100	96-RDD-0111	523932	5428204	-1.0	-1.0	-1.0	-1.0	-10	56.02	3
101	96-RDD-0112	523563	5428513	-0.6	-0.6	-0.6	-0.6	-6	53.47	5
102	96-RDD-0113	524913	5428235	-0.6	2.3	-0.6	-0.6	-6	54.72	5
103	96-RDD-0114	525786	5428580	-0.3	0.6	-0.3	-0.3	-3	15.96	10
104	96-RDD-0115	525082	5429462	-1.0	-1.0	-1.0	-1.0	-10	51.39	3
106	96-RDD-0117	520851	5428936	-0.3	0.4	-0.3	-0.3	-3	15.36	10
108	96-RDD-0119	522052	5430577	-0.3	0.6	-0.3	0.6	-3	18.49	10
109	96-RDD-0121	520854	5431459	-0.6	-0.6	-0.6	-0.6	-6	42.10	5
110	96-RDD-0122	520059	5431477	-0.3	-0.3	-0.3	-0.3	-3	17.16	10
111	96-RDD-0123	520067	5430251	-1.0	-1.0	-1.0	-1.0	-10	63.85	3
112	96-RDD-0124	519172	5428674	-0.3	0.9	-0.3	0.6	-3	43.17	10
113	96-RDD-0125	518228	5428652	-0.6	-0.6	-0.6	-0.6	-6	54.98	5
115	96-RDD-0127	517360	5428216	-0.6	-0.6	-0.6	-0.6	-6	57.55	5
116	96-RDD-0128	517852	5428894	-0.6	-0.6	-0.6	-0.6	-6	53.57	5
117	96-RDD-0129	518377	5429662	-1.0	-1.0	-1.0	-1.0	-10	62.99	3
118	96-RDD-0131	517843	5430648	1.2	-0.6	-0.6	-0.6	-6	47.20	5
119	96-RDD-0132	517195	5429909	-1.0	-1.0	-1.0	-1.0	-10	59.24	3
120	96-RDD-0133	516783	5431478	-1.0	-1.0	-1.0	-1.0	-10	66.76	3
121	96-RDD-0134	516347	5429024	-0.6	-0.6	-0.6	-0.6	-6	44.25	5
122	96-RDD-0135	512989	5421617	-0.3	2.5	-0.3	0.5	-3	16.73	10
123	96-RDD-0136	512337	5420998	-0.3	0.3	-0.3	-0.3	-3	15.60	10
124	96-RDD-0137	510380	5412702	-1.0	-1.0	-1.0	-1.0	-10	57.36	3
125	99-RDD-0138	513732	5415726	-0.3	0.8	-0.3	1.1	-3	42.70	10
126	96-RDD-0139	514799	5416903	-0.6	0.7	-0.6	-0.6	-6	44.58	5
127	96-RDD-0141	515411	5417947	-0.6	2.4	-0.6	1.2	-6	47.77	5
130	96-RDD-0144	521152	5422815	-1.0	-1.0	-1.0	-1.0	-10	62.04	3
131	96-RDD-0145	520570	5423992	-0.6	-0.6	-0.6	-0.6	-6	56.85	5
132	96-RDD-0146	520244	5424019	-1.0	-1.0	-1.0	-1.0	-10	58.55	3
133	96-RDD-0147	519581	5424544	-0.6	0.8	-0.6	-0.6	-6	56.48	5
135	96-RDD-0149	521625	5424745	-1.0	-1.0	-1.0	-1.0	-10	53.02	3
136	96-RDD-0151	521315	5423982	-1.0	-1.0	-1.0	-1.0	-10	53.29	3
137	96-RDD-0152	521037	5423293	-1.0	-1.0	-1.0	-1.0	-10	54.80	3
138	96-RDD-0153	523711	5425598	-0.6	1.0	-0.6	-0.6	-6	63.50	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
140	96-RDD-0155	523423	5422577	-0.3	2.1	-0.3	-0.3	4	12.63	10
141	96-RDD-0156	524968	5422628	-1.0	-1.0	-1.0	-1.0	-10	61.67	3
142	96-RDD-0157	524563	5421434	-0.6	1.1	-0.6	-0.6	-6	45.64	5
143	96-RDD-0158	525153	5421547	-1.0	-1.0	-1.0	-1.0	-10	56.28	3
144	96-RDD-0159	525180	5420688	-0.6	0.9	-0.6	-0.6	-6	51.63	5
145	96-RDD-0161	525679	5420484	-1.0	1.2	-1.0	-1.0	-10	56.41	3
146	96-RDD-0162	525899	5419959	-0.6	-0.6	-0.6	-0.6	-6	47.98	5
147	96-RDD-0163	525893	5419128	-1.0	-1.0	-1.0	-1.0	-10	69.74	3
149	96-RDD-0165	526338	5417917	-0.6	5.7	-0.6	1.8	-6	60.43	5
150	96-RDD-0166	525705	5417013	-1.0	1.4	-1.0	-1.0	-10	56.58	3
153	96-RDD-0169	525465	5419308	-0.6	-0.6	-0.6	-0.6	-6	44.64	5
154	96-RDD-0171	524641	5418768	-1.0	-1.0	-1.0	-1.0	-10	66.35	3
156	96-RDD-0173	524123	5420059	-1.0	1.0	-1.0	-1.0	-10	49.00	3
157	96-RDD-0174	523137	5420078	-0.6	-0.6	-0.6	1.1	-6	44.04	5
158	96-RDD-0175	522007	5420057	-0.3	2.0	-0.3	-0.3	3	3.29	10
160	96-RDD-0177	519864	5419125	-0.6	1.0	-0.6	-0.6	-6	37.17	5
161	96-RDD-0178	519060	5418443	-0.6	2.4	-0.6	1.1	-6	50.63	5
162	96-RDD-0179	520396	5416517	-0.6	-0.6	-0.6	-0.6	-6	57.95	5
163	96-RDD-0181	519600	5415268	-1.0	-1.0	-1.0	-1.0	-10	54.56	3
164	96-RDD-0182	519593	5415803	-1.0	-1.0	-1.0	-1.0	-10	64.30	3
165	96-RDD-0183	519171	5415632	-0.6	-0.6	-0.6	-0.6	-6	59.24	5
166	96-RDD-0184	515961	5415996	-0.6	1.1	-0.6	0.6	-6	57.17	5
167	96-RDD-0185	514992	5415878	-1.0	-1.0	-1.0	-1.0	-10	45.71	3
168	96-RDD-0186	514994	5415167	-0.6	-0.6	-0.6	-0.6	-6	48.01	5
169	96-RDD-0187	514327	5415452	-0.6	-0.6	-0.6	-0.6	-6	39.45	5
170	96-RDD-0188	513100	5415685	-0.6	-0.6	-0.6	-0.6	-6	53.97	5
171	96-RDD-0189	512518	5415027	-1.0	1.0	-1.0	-1.0	-10	74.11	3
172	96-RDD-0191	512186	5413628	-1.0	-1.0	-1.0	-1.0	-10	61.18	3
173	96-RDD-0192	513385	5414229	-0.6	-0.6	-0.6	-0.6	-6	40.25	5
174	96-RDD-0193	513539	5413498	-1.0	-1.0	-1.0	-1.0	-10	46.16	3
175	96-RDD-0194	514354	5412955	-1.0	1.7	-1.0	1.2	-10	47.13	3
176	96-RDD-0195	514791	5412537	-0.3	1.4	-0.3	1.4	-3	38.36	10
177	96-RDD-0196	515834	5413033	-0.6	-0.6	-0.6	-0.6	-6	64.60	5
178	96-RDD-0197	515054	5411813	-0.3	1.7	-0.3	1.3	-3	46.36	10
179	96-RDD-0198	512748	5412109	-0.6	-0.6	-0.6	-0.6	-6	39.05	5
180	96-RDD-0199	510068	5411393	-0.3	0.5	-0.3	0.6	-3	36.30	10
182	96-RDD-0202	506621	5409046	-1.0	1.1	-1.0	-1.0	-10	53.30	3
184	96-RDD-0204	507212	5415090	-0.6	-0.6	-0.6	-0.6	-6	46.11	5
185	96-RDD-0205	508088	5418119	-0.6	0.9	-0.6	-0.6	-6	61.03	5
186	96-RDD-0206	511451	5422826	-1.0	2.5	-1.0	1.2	-10	34.75	3
187	96-RDD-0207	511192	5423332	-0.6	1.9	-0.6	0.9	-6	42.55	5
188	96-RDD-0208	511943	5422623	-1.0	1.9	-1.0	1.2	-10	66.30	3
189	96-RDD-0209	512336	5422959	-0.6	1.4	-0.6	0.8	-6	60.45	5
190	96-RDD-0211	511788	5423917	-0.6	-0.6	-0.6	-0.6	-6	51.49	5
191	96-RDD-0212	511116	5424385	-1.0	-1.0	-1.0	-1.0	-10	55.03	3
192	96-RDD-0213	511206	5425436	-1.0	-1.0	-1.0	-1.0	-10	52.60	3
193	96-RDD-0214	511452	5425853	-0.6	-0.6	-0.6	-0.6	-6	59.21	5
194	96-RDD-0215	511580	5426938	-1.0	1.0	-1.0	-1.0	-10	46.71	3
195	96-RDD-0216	512321	5427644	-1.0	-1.0	-1.0	-1.0	-10	58.37	3
196	96-RDD-0217	512791	5427737	-0.6	-0.6	-0.6	-0.6	-6	52.84	5
197	96-RDD-0218	513069	5426990	-0.6	-0.6	-0.6	-0.6	-6	50.77	5
198	96-RDD-0219	512708	5426741	-1.0	-1.0	-1.0	-1.0	-10	53.27	3
199	96-RDD-0221	512282	5426474	-0.6	0.7	-0.6	0.6	-6	58.77	5
200	96-RDD-0222	512912	5426017	-1.0	-1.0	-1.0	-1.0	-10	57.49	3
201	96-RDD-0223	512825	5425639	-0.6	-0.6	-0.6	-0.6	-6	55.23	5
203	96-RDD-0225	514525	5424811	-1.0	-1.0	-1.0	-1.0	-10	50.19	3
204	96-RDD-0226	514797	5425654	-0.6	-0.6	-0.6	-0.6	-6	45.35	5
205	96-RDD-0227	516182	5425511	-0.6	-0.6	-0.6	0.9	-6	52.15	5
206	96-RDD-0228	516711	5425138	-0.6	-0.6	-0.6	-0.6	-6	54.88	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
207	96-RDD-0229	517439	5425059	-1.0	-1.0	-1.0	-1.0	-10	57.96	3
208	96-RDD-0231	517714	5425454	-1.0	-1.0	-1.0	-1.0	-10	57.07	3
209	96-RDD-0232	516800	5427058	-0.6	-0.6	-0.6	-0.6	-6	52.43	5
210	96-RDD-0233	516381	5427823	-0.6	-0.6	-0.6	1.5	-6	56.46	5
211	96-RDD-0234	516660	5428278	-1.0	-1.0	-1.0	-1.0	-10	55.70	3
212	96-RDD-0235	515921	5428146	-0.6	-0.6	-0.6	0.6	-6	46.13	5
213	96-RDD-0238	514853	5431615	-0.3	0.3	-0.3	0.6	-3	45.09	10
214	96-RDD-0239	515120	5429823	-1.0	-1.0	-1.0	-1.0	-10	53.88	3
215	96-RDD-0241	514818	5429244	-1.0	-1.0	-1.0	-1.0	-10	58.19	3
216	96-RDD-0242	513922	5429530	-0.6	-0.6	-0.6	-0.6	-6	53.56	5
217	96-RDD-0243	513994	5428499	-1.0	-1.0	-1.0	-1.0	-10	59.70	3
218	96-RDD-0244	513936	5428124	-1.0	-1.0	-1.0	-1.0	-10	54.27	3
219	96-RDD-0245	513394	5429116	-0.6	-0.6	-0.6	-0.6	-6	50.11	5
220	96-RDD-0246	512869	5429932	-0.6	-0.6	-0.6	-0.6	-6	48.98	5
221	96-RDD-0247	511612	5429245	-1.0	-1.0	-1.0	-1.0	-10	58.33	3
223	96-RDD-0249	510286	5428423	-0.3	0.8	-0.3	0.7	-3	24.87	10
224	96-RDD-0251	508744	5428461	-0.3	0.3	-0.3	0.6	-3	44.30	10
225	96-RDD-0252	508993	5428776	-1.0	-1.0	-1.0	-1.0	-10	48.21	3
226	96-RDD-0253	509485	5429268	-1.0	-1.0	-1.0	-1.0	-10	37.35	3
227	96-RDD-0254	509550	5429670	-1.0	-1.0	-1.0	-1.0	-10	36.36	3
228	96-RDD-0255	508748	5430679	-1.0	-1.0	-1.0	-1.0	-10	59.39	3
229	96-RDD-0256	508381	5429486	-1.0	-1.0	-1.0	-1.0	-10	65.90	3
230	96-RDD-0257	508145	5428950	-1.0	-1.0	-1.0	-1.0	-10	68.05	3
231	96-RDD-0258	507975	5427918	-0.6	-0.6	-0.6	-0.6	-6	53.21	5
232	96-RDD-0259	508029	5426980	-0.3	-0.3	-0.3	0.5	-3	38.01	10
233	96-RDD-0261	508233	5426693	-0.6	-0.6	-0.6	-0.6	-6	33.91	5
234	96-RDD-0262	508710	5426470	-0.6	-0.6	-0.6	-0.6	-6	57.44	5
235	96-RDD-0263	509087	5424949	-0.6	-0.6	-0.6	-0.6	-6	55.13	5
236	96-RDD-0264	508838	5420487	-0.6	-0.6	-0.6	-0.6	-6	62.00	5
237	96-RDD-0265	509079	5418679	-0.3	0.5	-0.3	0.6	-3	31.13	10
238	96-RDD-0266	507168	5416036	-0.3	0.5	-0.3	0.3	-3	49.01	10
239	96-RDD-0267	506084	5409835	-0.6	0.9	-0.6	0.7	-6	48.69	5
240	96-RDD-0268	505276	5408853	-1.0	-1.0	-1.0	-1.0	-10	55.86	3
241	96-RDD-0269	507525	5408977	-0.6	0.6	-0.6	-0.6	-6	52.05	5
242	96-RDD-0271	507921	5408701	-0.3	-0.3	-0.3	0.6	-3	42.02	10
244	96-RDD-0273	511946	5407863	-1.0	-1.0	-1.0	-1.0	35	47.95	3
245	96-RDD-0274	512480	5407634	-1.0	-1.0	-1.0	-1.0	-10	56.87	3
246	96-RDD-0275	514157	5407583	-0.3	-0.3	-0.3	0.6	-3	41.68	10
247	96-RDD-0276	515295	5407773	-0.3	0.3	-0.3	0.8	-3	42.99	10
248	96-RDD-0277	518126	5406173	-1.0	-1.0	-1.0	-1.0	-10	64.28	3
249	96-RDD-0278	518814	5406132	-0.6	1.1	-0.6	0.7	-6	50.58	5
250	96-RDD-0279	518838	5406677	-0.6	1.0	-0.6	0.9	-6	37.57	5
251	96-RDD-0281	519450	5406562	-0.6	1.2	-0.6	0.6	-6	58.91	5
252	96-RDD-0282	519817	5407231	-0.6	0.8	-0.6	-0.6	-6	72.81	5
253	96-RDD-0283	520552	5407151	-0.3	0.5	-0.3	0.7	-3	43.82	10
254	96-RDD-0284	520721	5406234	-0.3	0.7	-0.3	1.1	-3	29.84	10
255	96-RDD-0285	521222	5408086	-0.6	-0.6	-0.6	-0.6	-6	36.35	5
256	96-RDD-0286	521378	5409218	-0.6	-0.6	-0.6	-0.6	-6	58.32	5
257	96-RDD-0287	522288	5408656	-0.6	0.7	-0.6	0.7	-6	37.59	5
258	96-RDD-0288	522404	5407522	-0.3	2.2	-0.3	2.2	-3	21.35	10
259	96-RDD-0289	523954	5405800	-0.6	-0.6	-0.6	-0.6	-6	45.82	5
260	96-RDD-0291	524403	5405154	-0.6	-0.6	-0.6	-0.6	-6	43.10	5
261	96-RDD-0292	524270	5406320	-0.3	0.4	-0.3	1.0	-3	50.12	10
262	96-RDD-0293	525048	5409431	-0.3	-0.3	-0.3	0.4	-3	31.01	10
263	96-RDD-0294	526104	5409923	-0.6	-0.6	-0.6	-0.6	-6	53.63	5
264	96-RDD-0295	527266	5411601	-1.0	-1.0	-1.0	-1.0	-10	66.18	3
265	96-RDD-0296	525298	5411073	-0.3	-0.3	-0.3	0.7	-3	32.88	10
266	96-RDD-0297	525209	5411043	-0.3	-0.3	-0.3	0.5	-3	30.95	10
267	96-RDD-0298	524679	5410779	-0.6	-0.6	-0.6	-0.6	-6	50.83	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
268	96-RDD-0299	525281	5412705	-0.6	-0.6	-0.6	-0.6	-6	47.93	5
270	96-RDD-0302	527048	5413353	-1.0	-1.0	-1.0	-1.0	-10	30.87	3
271	96-RDD-0303	525624	5413445	-0.6	-0.6	-0.6	-0.6	-6	49.38	5
272	96-RDD-0304	525345	5413876	-1.0	-1.0	-1.0	-1.0	-10	56.48	3
273	96-RDD-0305	525453	5415602	-1.0	-1.0	-1.0	-1.0	-10	45.98	3
274	96-RDD-0306	524171	5415716	-0.6	-0.6	-0.6	-0.6	-6	49.28	5
276	96-RDD-0308	523613	5413085	-0.3	-0.3	-0.3	0.8	-3	8.88	10
277	96-RDD-0309	522707	5413585	-1.0	-1.0	-1.0	-1.0	-10	48.13	3
278	96-RDD-0311	522083	5413762	-0.6	-0.6	-0.6	-0.6	-6	48.59	5
279	96-RDD-0312	521994	5412830	-1.0	-1.0	-1.0	-1.0	-10	64.80	3
280	96-RDD-0313	521234	5412356	-0.3	0.6	-0.3	0.5	-3	27.13	10
281	96-RDD-0314	522445	5412332	-0.6	-0.6	-0.6	-0.6	-6	38.90	5
282	96-RDD-0315	522194	5411332	-0.3	2.5	-0.3	0.8	5	46.48	10
283	96-RDD-0316	522625	5410845	-1.0	-1.0	-1.0	-1.0	-10	56.21	3
284	96-RDD-0317	522839	5409578	-0.6	0.9	-0.6	0.6	-6	37.20	5
285	96-RDD-0318	522177	5409662	-0.3	1.1	-0.3	1.2	-3	45.64	10
286	96-RDD-0319	521207	5410235	-0.6	0.9	-0.6	-0.6	-6	47.02	5
287	96-RDD-0321	520955	5410593	-0.6	-0.6	-0.6	-0.6	-6	46.89	5
288	96-RDD-0322	519737	5411550	-0.3	0.4	-0.3	0.4	-3	11.66	10
289	96-RDD-0323	519279	5410653	-0.3	-0.3	-0.3	0.7	-3	15.85	10
290	96-RDD-0324	519374	5409715	-0.3	2.2	-0.3	2.5	-3	55.79	10
292	96-RDD-0326	518845	5408557	-0.6	0.8	-0.6	-0.6	-6	49.82	5
293	96-RDD-0327	505500	5408600	-0.6	0.6	-0.6	-0.6	-6	48.28	5
295	96-RDD-0329	506045	5416299	-0.6	-0.6	-0.6	-0.6	-6	47.58	5
296	96-RDD-0331	507308	5419193	-0.3	1.5	-0.3	2.0	-3	30.14	10
297	96-RDD-0332	508061	5419288	-1.0	-1.0	-1.0	-1.0	-10	61.48	3
298	96-RDD-0333	508033	5419886	-1.0	-1.0	-1.0	-1.0	-10	62.89	3
299	96-RDD-0334	507769	5422102	-0.6	-0.6	-0.6	-0.6	-6	52.51	5
300	96-RDD-0335	508658	5421701	-0.3	-0.3	-0.3	0.5	-3	48.47	10
301	96-RDD-0336	508568	5422389	-0.6	-0.6	-0.6	-0.6	-6	50.03	5
302	96-RDD-0337	508625	5423139	-0.3	-0.3	-0.3	0.3	-3	38.70	10
303	96-RDD-0338	507634	5423620	-0.3	0.3	-0.3	0.5	-3	39.10	10
304	96-RDD-0339	506895	5423428	-0.3	0.5	-0.3	0.8	-3	23.90	10
305	96-RDD-0341	506462	5424519	-1.0	-1.0	-1.0	-1.0	-10	58.06	3
306	96-RDD-0342	505811	5424773	-1.0	-1.0	-1.0	-1.0	-10	51.17	3
307	96-RDD-0343	504454	5426300	-0.3	0.5	-0.3	0.8	-3	31.73	10
308	96-RDD-0344	504297	5427418	-0.6	-0.6	-0.6	-0.6	-6	51.47	5
309	96-RDD-0345	504959	5428648	-0.6	-0.6	-0.6	-0.6	-6	53.12	5
310	96-RDD-0346	506457	5428419	-0.6	-0.6	-0.6	-0.6	-6	47.80	5
311	96-RDD-0347	507024	5429639	-0.6	-0.6	-0.6	-0.6	-6	59.89	5
312	96-RDD-0348	506211	5429768	-0.6	-0.6	-0.6	-0.6	-6	65.11	5
313	96-RDD-0349	506780	5430721	-0.6	-0.6	-0.6	-0.6	-6	50.85	5
315	96-RDD-0352	502858	5432674	-0.6	-0.6	-0.6	-0.6	7	52.36	5
316	96-RDD-0353	500485	5430405	-0.3	1.1	-0.3	1.4	-3	23.48	10
318	96-RDD-0355	502900	5430594	-0.6	-0.6	-0.6	-0.6	-6	48.96	5
319	96-RDD-0356	503457	5430369	-1.0	-1.0	-1.0	-1.0	-10	58.90	3
320	96-RDD-0357	503245	5429590	-0.6	-0.6	-0.6	-0.6	-6	44.77	5
322	96-RDD-0359	502562	5428537	-0.6	-0.6	-0.6	-0.6	-6	43.88	5
323	96-RDD-0361	501958	5428897	-0.6	-0.6	-0.6	-0.6	-6	45.50	5
324	96-RDD-0362	502475	5427201	-0.6	2.4	-0.6	1.1	-6	42.57	5
325	96-RDD-0363	501418	5426578	-0.3	0.4	-0.3	0.8	-3	31.67	10
326	96-RDD-0364	500531	5426189	-0.6	-0.6	-0.6	-0.6	-6	61.21	5
327	96-RDD-0365	503011	5425509	-0.6	-0.6	-0.6	-0.6	-6	46.50	5
328	96-RDD-0366	502164	5424439	-0.6	-0.6	-0.6	-0.6	-6	49.44	5
329	96-RDD-0367	501365	5424141	-1.0	-1.0	-1.0	-1.0	-10	40.99	3
330	96-RDD-0368	501684	5423716	-0.6	-0.6	-0.6	-0.6	-6	57.74	5
331	96-RDD-0369	503232	5423008	-0.6	-0.6	-0.6	-0.6	-6	43.11	5
332	96-RDD-0371	504244	5423356	-0.3	0.9	-0.3	1.0	-3	28.51	10
333	96-RDD-0372	504651	5423832	-1.0	-1.0	-1.0	-1.0	-10	54.80	3

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
334	96-RDD-0373	505135	5422638	-1.0	-1.0	-1.0	-1.0	-10	61.25	3
335	96-RDD-0374	506006	5422921	-0.6	-0.6	-0.6	-0.6	-6	43.83	5
336	96-RDD-0375	506794	5421652	-0.6	-0.6	-0.6	-0.6	-6	54.07	5
338	96-RDD-0377	506556	5420999	-1.0	-1.0	-1.0	-1.0	-10	53.47	3
339	96-RDD-0378	506778	5420652	-0.6	-0.6	-0.6	-0.6	-6	55.59	5
340	96-RDD-0379	507129	5420587	-1.0	1.5	-1.0	-1.0	-10	57.58	3
341	96-RDD-0381	506915	5419612	-0.6	-0.6	-0.6	-0.6	-6	54.78	5
342	96-RDD-0382	506986	5418500	-0.6	-0.6	-0.6	-0.6	-6	56.10	5
343	96-RDD-0383	501618	5417157	-1.0	-1.0	-1.0	-1.0	-10	50.82	3
344	96-RDD-0384	500465	5418102	-0.3	-0.3	-0.3	-0.3	-3	44.16	10
345	96-RDD-0385	500123	5419218	-0.6	-0.6	-0.6	-0.6	-6	64.84	5
346	96-RDD-0386	499008	5419488	-1.0	1.4	-1.0	-1.0	-10	59.29	3
347	96-RDD-0387	499236	5419900	0.4	-0.3	-0.3	-0.3	-3	19.51	10
348	96-RDD-0388	498858	5420647	-0.6	2.8	-0.6	2.2	-6	52.37	5
349	96-RDD-0389	498712	5421636	-0.3	0.8	-0.3	0.6	-3	6.57	10
351	96-RDD-0392	498154	5425513	-0.6	-0.6	-0.6	0.6	-6	62.98	5
352	96-RDD-0393	497532	5425821	-0.6	-0.6	-0.6	-0.6	-6	47.70	5
353	96-RDD-0394	498240	5426932	-0.6	-0.6	-0.6	-0.6	-6	48.17	5
354	96-RDD-0395	498289	5428417	-0.6	0.6	-0.6	-0.6	-6	53.57	5
355	96-RDD-0396	498531	5429255	-1.0	-1.0	-1.0	-1.0	-10	59.10	3
356	96-RDD-0397	498239	5430148	-0.6	0.6	-0.6	-0.6	-6	47.99	5
357	96-RDD-0398	498467	5430526	-0.3	-0.3	-0.3	0.5	-3	28.77	10
358	96-RDD-0399	496354	5430359	-0.6	-0.6	-0.6	-0.6	-6	49.28	5
359	96-RDD-0401	495594	5429710	-0.6	0.6	-0.6	-0.6	-6	56.48	5
360	96-RDD-0402	496817	5429176	-0.6	-0.6	-0.6	-0.6	-6	62.92	5
361	96-RDD-0403	496240	5428605	-0.6	-0.6	-0.6	-0.6	-6	57.39	5
362	96-RDD-0404	496560	5428530	-0.6	-0.6	-0.6	-0.6	-6	60.01	5
363	96-RDD-0405	496485	5428181	-0.6	0.7	-0.6	-0.6	-6	60.12	5
364	96-RDD-0406	495948	5428159	-0.6	-0.6	-0.6	-0.6	8	43.01	5
365	96-RDD-0407	495578	5427179	-0.6	-0.6	-0.6	-0.6	-6	62.75	5
366	96-RDD-0408	496494	5427607	-0.6	-0.6	-0.6	-0.6	-6	59.15	5
367	96-RDD-0409	497235	5427559	1.1	-0.6	-0.6	-0.6	-6	45.25	5
368	96-RDD-0411	495990	5426680	-1.0	-1.0	-1.0	-1.0	-10	43.59	3
369	96-RDD-0412	494788	5426465	-0.6	-0.6	-0.6	-0.6	-6	47.96	5
370	96-RDD-0413	494798	5428547	-0.6	-0.6	-0.6	-0.6	-6	33.08	5
371	96-RDD-0414	494605	5429384	-0.3	1.9	-0.3	1.2	4	34.80	10
372	96-RDD-0415	493759	5429938	-0.6	-0.6	-0.6	-0.6	-6	49.93	5
373	96-RDD-0416	493738	5429041	-0.6	0.8	-0.6	-0.6	-6	60.08	5
374	96-RDD-0417	492569	5428661	-0.6	0.6	-0.6	-0.6	-6	36.08	5
375	96-RDD-0418	493144	5427385	0.8	0.7	-0.3	0.9	4	37.07	10
377	96-RDD-0421	493946	5425953	-0.3	-0.3	-0.3	0.9	-3	50.08	10
378	96-RDD-0422	493707	5425131	-0.3	0.5	-0.3	0.5	-3	35.00	10
379	96-RDD-0423	494393	5424476	-0.6	-0.6	-0.6	-0.6	-6	51.09	5
380	96-RDD-0424	495116	5425401	-0.3	0.6	-0.3	0.8	-3	41.34	10
381	96-RDD-0425	495856	5425478	-1.0	-1.0	-1.0	-1.0	-10	60.60	3
383	96-RDD-0427	497201	5424833	-0.6	-0.6	-0.6	-0.6	-6	54.73	5
384	96-RDD-0428	497554	5423843	-0.6	-0.6	-0.6	-0.6	-6	51.96	5
385	96-RDD-0429	496533	5423770	-0.6	-0.6	-0.6	-0.6	-6	63.10	5
386	96-RDD-0431	495462	5424215	-1.0	2.1	-1.0	-1.0	-10	52.81	3
387	96-RDD-0432	495397	5423793	-0.6	1.0	-0.6	-0.6	-6	41.47	5
388	96-RDD-0433	496135	5423103	-1.0	-1.0	-1.0	-1.0	-10	53.09	3
389	96-RDD-0434	496120	5422534	-0.6	-0.6	-0.6	-0.6	-6	50.70	5
390	96-RDD-0435	496770	5422088	-1.0	-1.0	-1.0	-1.0	-10	54.78	3
391	96-RDD-0436	496710	5421803	-0.6	-0.6	-0.6	-0.6	-6	62.82	5
392	96-RDD-0437	496265	5421262	2.2	-0.3	-0.3	0.6	-3	47.77	10
393	96-RDD-0438	497357	5420772	-0.6	-0.6	-0.6	-0.6	-6	42.06	5
394	96-RDD-0439	495754	5419956	-0.3	0.6	-0.3	0.9	-3	22.20	10
395	96-RDD-0441	494901	5420834	-1.0	-1.0	-1.0	-1.0	-10	42.25	3
396	96-RDD-0442	493587	5422465	-0.6	1.0	-0.6	-0.6	-6	40.31	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
397	96-RDD-0443	493260	5420265	-1.0	-1.0	-1.0	-1.0	-10	60.86	3
398	96-RDD-0444	494395	5419243	1.8	-0.6	-0.6	-0.6	-6	56.25	5
400	96-RDD-0446	498383	5418571	-0.6	-0.6	-0.6	-0.6	12	37.07	5
401	96-RDD-0447	499876	5414971	-1.0	-1.0	-1.0	-1.0	-10	64.13	3
402	96-RDD-0448	505676	5409294	-0.6	-0.6	-0.6	0.7	-6	43.87	5
403	96-RDD-0449	507067	5409478	-0.6	-0.6	-0.6	-0.6	-6	51.78	5
404	96-RDD-0451	509049	5409794	-0.3	-0.3	-0.3	0.6	-3	9.60	10
405	96-RDD-0452	510567	5410427	-0.6	-0.6	-0.6	-0.6	-6	54.12	5
406	96-RDD-0453	510487	5411209	-1.0	1.0	-1.0	-1.0	-10	50.98	3
407	96-RDD-0454	510893	5411268	-0.3	0.3	-0.3	1.3	-3	33.47	10
408	96-RDD-0455	511281	5410501	-0.3	-0.3	-0.3	0.4	-3	46.56	10
409	96-RDD-0456	511975	5409701	-1.0	-1.0	-1.0	-1.0	-10	57.40	3
410	96-RDD-0457	512073	5410490	-0.6	-0.6	-0.6	-0.6	-6	48.26	5
411	96-RDD-0458	512456	5410744	-0.3	-0.3	-0.3	0.5	-3	45.50	10
412	96-RDD-0459	513045	5409575	-1.0	23.0	-1.0	-1.0	-10	56.37	3
413	96-RDD-0461	512370	5409107	-0.6	-0.6	-0.6	-0.6	-6	54.87	5
414	96-RDD-0462	512853	5408665	0.8	-0.6	-0.6	-0.6	-6	56.63	5
415	96-RDD-0463	512152	5408774	-1.0	-1.0	-1.0	-1.0	-10	51.94	3
416	96-RDD-0464	512503	5408023	-0.6	-0.6	-0.6	-0.6	-6	50.35	5
417	96-RDD-0465	513039	5407998	-0.6	-0.6	-0.6	-0.6	-6	54.02	5
418	96-RDD-0466	514986	5408406	-0.3	-0.3	-0.3	0.9	-3	39.28	10
419	96-RDD-0467	515338	5408978	-0.6	-0.6	-0.6	-0.6	-6	55.83	5
420	96-RDD-0468	517826	5410349	-0.3	-0.3	-0.3	-0.3	-3	7.60	10
421	96-RDD-0469	515395	5411120	-0.6	0.8	-0.6	-0.6	-6	53.30	5
422	96-RDD-0471	514871	5410444	-0.6	-0.6	-0.6	-0.6	-6	52.45	5
423	96-RDD-0472	513880	5409399	-1.0	-1.0	-1.0	-1.0	-10	60.49	3
424	96-RDD-0473	513780	5410097	-1.0	-1.0	-1.0	-1.0	-10	54.84	3
425	96-RDD-0474	513567	5410597	-0.6	-0.6	-0.6	-0.6	-6	54.13	5
426	96-RDD-0475	512624	5409585	-0.6	-0.6	-0.6	-0.6	-6	46.72	5
427	96-RDD-0476	512891	5410892	-0.3	0.5	-0.3	4.1	-3	44.71	10
428	96-RDD-0477	513398	5411276	-0.6	-0.6	-0.6	-0.6	-6	37.70	5
429	96-RDD-0478	513480	5411631	-0.6	-0.6	-0.6	-0.6	-6	56.74	5
430	96-RDD-0479	514249	5411291	-0.6	-0.6	-0.6	-0.6	-6	46.69	5
431	96-RDD-0481	512390	5416442	-0.6	-0.6	-0.6	-0.6	-6	50.62	5
432	96-RDD-0482	512998	5417137	-0.3	-0.3	-0.3	0.5	-3	39.19	10
433	96-RDD-0483	513547	5416739	-0.6	0.9	-0.6	-0.6	-6	47.20	5
434	96-RDD-0484	513724	5416522	-0.3	0.4	-0.3	0.8	-3	42.07	10
435	96-RDD-0485	513988	5417171	-0.3	-0.3	-0.3	0.8	-3	46.72	10
436	96-RDD-0486	514202	5417820	-0.6	-0.6	-0.6	-0.6	-6	50.48	5
437	96-RDD-0487	514131	5418669	-0.6	1.2	-0.6	-0.6	-6	45.20	5
438	96-RDD-0488	516100	5418181	-0.6	-0.6	-0.6	-0.6	-6	46.12	5
439	96-RDD-0489	515524	5419130	-0.3	1.2	-0.3	0.9	-3	40.67	10
440	96-RDD-0491	514697	5420134	-0.6	-0.6	-0.6	-0.6	-6	53.88	5
441	96-RDD-0492	514447	5420071	-1.0	3.1	-1.0	1.7	-10	55.08	3
442	96-RDD-0493	514337	5420682	-0.6	1.2	-0.6	0.7	-6	47.54	5
443	96-RDD-0494	513698	5420520	-0.3	3.2	-0.3	1.6	-3	48.87	10
444	96-RDD-0495	514210	5419480	-0.6	1.0	-0.6	-0.6	-6	28.70	5
445	96-RDD-0496	513444	5419147	-0.6	-0.6	-0.6	-0.6	-6	54.73	5
446	96-RDD-0497	512864	5419418	-0.6	-0.6	-0.6	-0.6	-6	48.44	5
447	96-RDD-0498	515061	5417003	-0.6	-0.6	-0.6	-0.6	-6	49.30	5
448	96-RDD-0499	516246	5416913	-0.3	-0.3	-0.3	0.7	-3	46.05	10
449	96-RDD-0501	511777	5417027	-0.3	-0.3	-0.3	0.4	-3	40.29	10
450	96-RDD-0502	510906	5416468	-0.6	-0.6	-0.6	-0.6	-6	51.26	5
451	96-RDD-0503	509554	5413544	-0.3	-0.3	-0.3	0.5	-3	46.84	10
452	96-RDD-0504	509599	5416653	-0.3	-0.3	-0.3	0.4	-3	4.69	10
453	96-RDD-0505	507162	5417744	-0.6	0.7	-0.6	-0.6	-6	53.90	5
454	96-RDD-0506	505880	5417369	-0.6	-0.6	-0.6	-0.6	-6	62.08	5
455	96-RDD-0507	504474	5417022	-1.0	-1.0	-1.0	-1.0	-10	56.67	3
456	96-RDD-0508	504729	5416372	-0.6	-0.6	-0.6	-0.6	-6	39.23	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
457	96-RDD-0509	506894	5409575	-1.0	-1.0	-1.0	-1.0	-10	47.83	3
458	96-RDD-0511	507634	5408419	-0.6	0.6	-0.6	-0.6	-6	49.73	5
459	96-RDD-0512	499661	5407461	-0.3	0.3	-0.3	0.6	-3	20.25	10
460	96-RDD-0513	499181	5408348	-0.3	-0.3	-0.3	0.7	-3	37.58	10
461	96-RDD-0514	493649	5408632	-0.3	0.8	-0.3	0.8	-3	33.83	10
462	96-RDD-0515	488987	5408463	-0.6	2.1	-0.6	0.8	-6	49.69	5
463	96-RDD-0516	484278	5409630	-0.6	1.4	-0.6	-0.6	-6	51.53	5
464	96-RDD-0517	481315	5410024	1.2	1.9	-0.6	1.3	-6	54.29	5
465	96-RDD-0518	478014	5411008	-1.0	-1.0	-1.0	-1.0	-10	41.19	3
466	96-RDD-0519	474254	5411908	-1.0	-1.0	-1.0	-1.0	-10	45.31	3
467	96-RDD-0521	471143	5412440	-0.3	1.1	-0.3	0.8	-3	12.47	10
468	96-RDD-0522	466336	5413175	-0.6	-0.6	-0.6	-0.6	-6	40.60	5
469	96-RDD-0523	463309	5415351	-0.3	0.5	-0.3	0.8	-3	36.48	10
470	96-RDD-0524	462485	5416033	-0.6	-0.6	-0.6	-0.6	-6	59.25	5
471	96-RDD-0525	462519	5416445	-0.3	-0.3	-0.3	0.4	-3	52.19	10
472	96-RDD-0526	458919	5418312	-0.6	-0.6	-0.6	-0.6	-6	58.22	5
474	96-RDD-0528	459047	5419424	-1.0	-1.0	-1.0	-1.0	-10	55.64	3
475	96-RDD-0529	458935	5420642	-0.6	1.4	-0.6	-0.6	-6	52.42	5
476	96-RDD-0531	461490	5421029	-0.6	-0.6	-0.6	-0.6	-6	41.25	5
477	96-RDD-0532	462423	5420978	-1.0	-1.0	-1.0	-1.0	-10	52.17	3
478	96-RDD-0533	462707	5421818	-0.6	0.7	-0.6	-0.6	-6	49.49	5
480	96-RDD-0535	461434	5423379	-0.6	-0.6	-0.6	-0.6	-6	47.99	5
481	96-RDD-0536	460879	5423935	-0.8	-0.8	-0.8	-0.8	-3	58.60	3.67
482	96-RDD-0537	460521	5423552	-0.6	0.7	-0.6	-0.6	-6	44.55	5
483	96-RDD-0538	459439	5422492	-0.6	-0.6	-0.6	-0.6	-6	41.59	5
484	96-RDD-0539	458839	5422179	-0.6	0.7	-0.6	-0.6	-6	49.11	5
485	96-RDD-0541	458812	5422709	-0.6	0.7	-0.6	-0.6	-6	45.72	5
486	96-RDD-0542	458608	5423239	-0.6	1.4	-0.6	-0.6	-6	56.39	5
487	96-RDD-0543	458329	5422887	-0.6	1.0	-0.6	-0.6	-6	57.49	5
488	96-RDD-0544	458584	5423918	-1.0	-1.0	-1.0	-1.0	-10	48.45	3
489	96-RDD-0545	457988	5423989	-0.6	1.0	-0.6	-0.6	-6	56.60	5
490	96-RDD-0546	457409	5423881	-0.3	1.1	-0.3	0.8	-3	49.45	10
491	96-RDD-0547	457152	5422940	-0.6	0.7	-0.6	-0.6	-6	49.33	5
492	96-RDD-0548	455511	5422507	-0.3	1.2	-0.3	0.4	-3	41.21	10
493	96-RDD-0549	455033	5422822	-0.3	1.1	-0.3	0.6	-3	55.67	10
494	96-RDD-0551	455781	5423551	-0.6	-0.6	-0.6	-0.6	-6	42.87	5
495	96-RDD-0552	455724	5424341	-0.6	-0.6	-0.6	-0.6	-6	44.60	5
496	96-RDD-0553	454110	5422433	-0.6	-0.6	-0.6	-0.6	-6	41.83	5
497	96-RDD-0554	453631	5423350	-0.3	1.3	-0.3	0.7	-3	26.25	10
498	96-RDD-0555	453089	5424376	-0.6	-0.6	-0.6	-0.6	-6	61.46	5
499	96-RDD-0556	451503	5424207	-0.6	-0.6	-0.6	-0.6	-6	61.21	5
500	96-RDD-0557	452116	5423389	-0.3	0.5	-0.3	0.4	-3	40.41	10
501	96-RDD-0558	450656	5421774	-0.6	1.6	-0.6	-0.6	-6	57.42	5
502	96-RDD-0559	450746	5421137	-0.6	4.8	-0.6	1.2	-6	43.91	5
503	96-RDD-0561	452545	5421805	-1.0	-1.0	-1.0	-1.0	-10	52.09	3
504	96-RDD-0562	453135	5421602	-0.3	0.5	-0.3	0.5	-3	50.60	10
505	96-RDD-0563	453262	5421207	-0.6	-0.6	-0.6	-0.6	-6	53.31	5
506	96-RDD-0564	452926	5420884	-0.6	1.0	-0.6	-0.6	-6	50.25	5
507	96-RDD-0565	452673	5419996	-0.6	-0.6	-0.6	-0.6	-6	49.11	5
508	96-RDD-0566	452350	5419121	-0.6	-0.6	-0.6	-0.6	-6	33.25	5
509	96-RDD-0567	452816	5417985	-1.0	-1.0	-1.0	-1.0	-10	48.36	3
510	96-RDD-0568	451805	5418034	-0.6	-0.6	-0.6	-0.6	-6	51.65	5
511	96-RDD-0569	450772	5417676	-1.0	-1.0	-1.0	-1.0	-10	43.70	3
512	96-RDD-0571	452766	5414756	-1.0	-1.0	-1.0	-1.0	-10	58.63	3
513	96-RDD-0572	452554	5415094	-0.6	-0.6	-0.6	-0.6	-6	63.41	5
515	96-RDD-0574	452891	5415231	-0.6	0.7	-0.6	-0.6	-6	52.63	5
516	96-RDD-0575	452555	5415840	-0.6	-0.6	-0.6	-0.6	-6	52.37	5
517	96-RDD-0576	452346	5415683	-0.6	-0.6	-0.6	-0.6	-6	38.30	5
518	96-RDD-0577	454016	5415961	-0.6	-0.6	-0.6	-0.6	-6	44.69	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav % 0.01	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3		
519	96-RDD-0578	453810	5416742	-0.6	-0.6	-0.6	-0.6	-6	47.94	5
520	96-RDD-0579	453302	5417421	-0.6	-0.6	-0.6	-0.6	-6	46.08	5
521	96-RDD-0581	453800	5417561	-0.6	-0.6	-0.6	-0.6	-6	39.60	5
522	96-RDD-0582	453510	5418300	-0.6	-0.6	-0.6	-0.6	-6	53.55	5
523	96-RDD-0583	453696	5419399	-0.6	-0.6	-0.6	-0.6	-6	42.03	5
524	96-RDD-0584	453666	5420581	-0.6	-0.6	-0.6	-0.6	-6	58.70	5
525	96-RDD-0585	454054	5420601	-0.3	-0.3	-0.3	-0.3	-3	46.66	10
526	96-RDD-0586	454465	5421330	-0.6	-0.6	-0.6	-0.6	-6	50.06	5
527	96-RDD-0587	454955	5421457	-0.6	-0.6	-0.6	-0.6	-6	53.70	5
528	96-RDD-0588	455565	5421942	-0.6	-0.6	-0.6	-0.6	-6	48.61	5
529	96-RDD-0589	453830	5421813	-0.6	-0.6	-0.6	-0.6	-6	55.06	5
530	96-RDD-0591	454904	5419648	-0.6	-0.6	-0.6	-0.6	-6	53.57	5
531	96-RDD-0592	455478	5420114	-0.6	-0.6	-0.6	-0.6	-6	52.02	5
532	96-RDD-0593	456263	5420917	-0.6	0.7	-0.6	-0.6	-6	52.80	5
533	96-RDD-0594	457091	5420976	-0.6	7.7	-0.6	6.3	-6	42.21	5
534	96-RDD-0595	457842	5421877	-0.6	0.8	-0.6	-0.6	-6	66.89	5
535	96-RDD-0596	458103	5421615	-0.6	0.9	-0.6	-0.6	-6	50.75	5
537	96-RDD-0598	457351	5418389	-0.6	-0.6	-0.6	-0.6	-6	58.86	5
538	96-RDD-0599	456354	5418441	-0.6	2.6	-0.6	-0.6	-6	60.37	5
539	96-RDD-0601	455505	5418974	-0.6	1.1	-0.6	-0.6	-6	41.00	5
540	96-RDD-0602	455492	5417743	-0.3	-0.3	-0.3	0.3	-3	37.50	10
541	96-RDD-0603	456998	5417706	-0.6	3.4	-0.6	1.3	-6	44.44	5
542	96-RDD-0604	458152	5416917	-0.3	-0.3	-0.3	-0.3	-3	47.40	10
543	96-RDD-0605	461172	5415257	-0.6	8.6	-0.6	18.1	-6	47.84	5
544	96-RDD-0606	462193	5412947	-0.6	-0.6	-0.6	-0.6	-6	40.10	5
545	96-RDD-0607	461728	5412484	-0.3	-0.3	-0.3	0.3	-3	47.43	10
546	96-RDD-0608	462086	5411810	-0.6	-0.6	-0.6	-0.6	-6	56.11	5
547	96-RDD-0609	461022	5411578	-1.0	-1.0	-1.0	-1.0	-10	59.12	3
548	96-RDD-0611	461194	5411369	-0.6	-0.6	-0.6	-0.6	-6	56.21	5
549	96-RDD-0612	460833	5411126	-1.0	1.8	-1.0	-1.0	-10	53.66	3
550	96-RDD-0613	461192	5409955	-0.6	-0.6	-0.6	-0.6	-6	49.78	5
551	96-RDD-0614	462593	5410794	-0.6	1.6	-0.6	2.6	-6	52.69	5
552	96-RDD-0615	463339	5412261	-1.0	-1.0	-1.0	-1.0	-10	60.24	3
553	96-RDD-0616	463958	5412963	-0.6	-0.6	-0.6	-0.6	-6	54.01	5
554	96-RDD-0617	463543	5413885	-1.0	-1.0	-1.0	-1.0	-10	59.75	3
555	96-RDD-0618	464652	5413738	-0.6	-0.6	-0.6	-0.6	-6	41.23	5
556	96-RDD-0619	464641	5412163	-0.6	-0.6	-0.6	-0.6	-6	40.18	5
557	96-RDD-0621	466558	5410567	-1.0	-1.0	-1.0	-1.0	-10	52.88	3
558	96-RDD-0622	466967	5411884	-0.3	0.9	-0.3	0.8	-3	32.83	10
560	96-RDD-0624	467601	5413935	-0.6	-0.6	-0.6	-0.6	-6	45.06	5
561	96-RDD-0625	468550	5413801	-0.3	-0.3	-0.3	0.4	-3	20.78	10
562	96-RDD-0626	468297	5413148	-0.6	-0.6	-0.6	-0.6	-6	51.38	5
563	96-RDD-0627	468987	5412290	-1.0	-1.0	-1.0	-1.0	-10	53.53	3
564	96-RDD-0628	468244	5411977	-0.3	-0.3	-0.3	1.1	-3	33.29	10
566	96-RDD-0631	471453	5410608	-0.3	0.4	-0.3	0.6	-3	19.34	10
567	96-RDD-0632	474375	5409826	-0.6	-0.6	-0.6	-0.6	-6	53.54	5
568	96-RDD-0633	478824	5409889	-2.0	-2.0	-2.0	-2.0	-8	48.74	1.24
569	96-RDD-0634	479980	5410116	-1.0	-1.0	-1.0	-1.0	-10	47.98	3
570	96-RDD-0635	484249	5410637	-0.3	0.4	-0.3	0.9	-3	36.90	10
571	96-RDD-0636	488320	5410050	-0.3	2.1	-0.3	3.0	4	23.71	10
572	96-RDD-0637	492249	5409779	-0.6	-0.6	-0.6	-0.6	-6	59.48	5
574	96-RDD-0639	497622	5407463	-0.3	-0.3	-0.3	1.0	-3	28.77	10
575	96-RDD-0641	499234	5411375	-0.3	0.4	-0.3	0.9	-3	42.13	10
576	96-RDD-0642	497182	5412388	-0.6	9.6	-0.6	10.3	-6	61.22	5
578	96-RDD-0644	490598	5415437	-0.3	-0.3	-0.3	0.5	-3	50.61	10
579	96-RDD-0645	487971	5417969	-0.6	14.3	-0.6	19.0	9	50.89	5
580	96-RDD-0646	485630	5418414	-1.0	-1.0	-1.0	-1.0	-10	58.24	3
581	96-RDD-0647	482882	5419992	-0.6	1.0	-0.6	1.2	-6	50.89	5
582	96-RDD-0648	482572	5419727	-0.6	0.7	-0.6	-0.6	-6	54.28	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
583	96-RDD-0649	479708	5422163	-0.3	1.2	-0.3	1.0	-3	29.74	10
585	96-RDD-0652	475851	5425207	-0.6	0.8	-0.6	0.6	-6	61.93	5
586	96-RDD-0653	475760	5425532	-0.6	-0.6	-0.6	-0.6	-6	45.08	5
587	96-RDD-0654	473094	5427420	-1.0	-1.0	-1.0	-1.0	-10	49.58	3
588	96-RDD-0655	471463	5428879	-0.6	-0.6	-0.6	-0.6	-6	41.56	5
589	96-RDD-0656	470491	5428849	-0.6	-0.6	-0.6	-0.6	-6	45.07	5
590	96-RDD-0657	469841	5428831	-0.6	-0.6	-0.6	-0.6	-6	52.60	5
591	96-RDD-0658	469152	5429224	-1.0	-1.0	-1.0	-1.0	-10	61.60	3
592	96-RDD-0659	469010	5430142	-0.3	0.7	-0.3	1.0	-3	51.76	10
593	96-RDD-0661	468738	5429862	-1.0	-1.0	-1.0	-1.0	-10	49.29	3
594	96-RDD-0662	467807	5429648	-0.3	0.9	-0.3	0.7	-3	42.21	10
595	96-RDD-0663	468023	5430337	-1.0	-1.0	-1.0	-1.0	-10	46.51	3
596	96-RDD-0664	467449	5430844	-0.6	-0.6	-0.6	-0.6	-6	42.20	5
597	96-RDD-0665	465898	5430560	-1.0	-1.0	-1.0	-1.0	-10	52.14	3
598	96-RDD-0666	465633	5430086	-1.0	-1.0	-1.0	-1.0	-10	52.95	3
599	96-RDD-0667	465220	5429730	-0.6	0.8	-0.6	-0.6	-6	47.47	5
601	96-RDD-0669	467004	5429683	-0.3	0.8	-0.3	1.7	-3	20.07	10
602	96-RDD-0671	466670	5429112	-0.3	0.6	-0.3	0.6	-3	32.20	10
603	96-RDD-0672	467214	5428351	-0.6	-0.6	-0.6	-0.6	-6	51.68	5
604	96-RDD-0673	467870	5427794	-0.6	-0.6	-0.6	-0.6	-6	58.68	5
605	96-RDD-0674	467743	5426642	-0.6	0.9	-0.6	-0.6	-6	56.55	5
606	96-RDD-0675	465477	5427585	-1.0	-1.0	-1.0	-1.0	-10	62.54	3
607	96-RDD-0676	465446	5426886	-0.3	0.4	-0.3	0.6	-3	32.40	10
608	96-RDD-0677	465492	5426115	-0.3	0.3	-0.3	0.5	-3	15.51	10
609	96-RDD-0678	464355	5425675	-0.6	-0.6	-0.6	-0.6	-6	39.56	5
610	96-RDD-0679	463546	5424295	-0.3	1.7	-0.3	1.1	-3	18.68	10
611	96-RDD-0681	463702	5423041	-1.0	-1.0	-1.0	-1.0	-4	36.31	2.54
612	96-RDD-0682	465064	5423361	-0.3	0.3	-0.3	0.9	-3	35.78	10
613	96-RDD-0683	465473	5424008	-0.3	-0.3	-0.3	0.5	-3	15.02	10
614	96-RDD-0684	465451	5424589	-0.3	0.4	-0.3	0.6	-3	11.87	10
615	96-RDD-0685	466236	5424576	-0.6	-0.6	-0.6	-0.6	-6	55.16	5
616	96-RDD-0686	467100	5425421	-0.6	-0.6	-0.6	-0.6	-6	60.27	5
617	96-RDD-0687	468015	5425621	-1.0	-1.0	-1.0	-1.0	-10	52.36	3
618	96-RDD-0688	468933	5425396	-0.6	-0.6	-0.6	-0.6	-6	57.02	5
619	96-RDD-0689	468293	5424540	-0.6	-0.6	-0.6	-0.6	-6	56.74	5
620	96-RDD-0691	468826	5424198	-1.0	-1.0	-1.0	1.1	-10	53.94	3
621	96-RDD-0692	468161	5423546	-0.6	-0.6	-0.6	-0.6	-6	60.80	5
622	96-RDD-0693	468071	5422191	-0.6	-0.6	-0.6	-0.6	-6	48.53	5
623	96-RDD-0694	468281	5420994	-0.6	-0.6	-0.6	-0.6	-6	47.33	5
624	96-RDD-0695	465750	5422060	-0.6	-0.6	-0.6	-0.6	-6	53.38	5
625	96-RDD-0696	465472	5421083	-0.6	0.7	-0.6	-0.6	-6	61.19	5
626	96-RDD-0697	465144	5421415	-0.6	-0.6	-0.6	-0.6	-6	62.40	5
627	96-RDD-0698	463663	5421389	-0.3	1.5	-0.3	1.2	-3	25.55	10
628	96-RDD-0699	464290	5420523	-0.3	0.5	-0.3	0.7	-3	35.52	10
629	96-RDD-0701	465487	5419905	-1.0	-1.0	-1.0	-1.0	-10	53.95	3
630	96-RDD-0702	465038	5417932	-0.6	-0.6	-0.6	-0.6	-6	42.94	5
631	96-RDD-0703	465508	5416475	-0.6	-0.6	-0.6	-0.6	-6	43.99	5
632	96-RDD-0704	465627	5414675	-0.6	-0.6	-0.6	-0.6	-6	40.21	5
633	96-RDD-0705	465342	5415755	-0.6	-0.6	-0.6	-0.6	-6	39.07	5
634	96-RDD-0706	464782	5415720	-0.3	0.3	-0.3	0.7	-3	35.45	10
635	96-RDD-0707	463895	5415676	-0.6	-0.6	-0.6	-0.6	-6	58.49	5
636	96-RDD-0708	464262	5416567	-0.3	-0.3	-0.3	0.5	-3	36.29	10
637	96-RDD-0709	465024	5417372	-0.6	-0.6	-0.6	-0.6	-6	40.54	5
638	96-RDD-0711	466366	5417788	-0.6	-0.6	-0.6	-0.6	-6	45.53	5
639	96-RDD-0712	466223	5418758	0.7	-0.6	-0.6	-0.6	-6	54.75	5
640	96-RDD-0713	466083	5419401	-0.6	-0.6	-0.6	-0.6	-6	53.17	5
642	96-RDD-0715	466700	5420739	-0.6	-0.6	-0.6	-0.6	-6	53.31	5
643	96-RDD-0716	467304	5420437	-0.6	-0.6	-0.6	-0.6	-6	49.40	5
644	96-RDD-0717	468059	5420607	-0.6	-0.6	-0.6	-0.6	-6	61.81	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
645	96-RDD-0718	469465	5419653	-0.6	-0.6	-0.6	-0.6	-6	55.04	5
646	96-RDD-0719	470184	5418781	-0.6	-0.6	-0.6	-0.6	-6	53.06	5
647	96-RDD-0721	470598	5418263	-0.6	-0.6	-0.6	-0.6	-6	59.91	5
648	96-RDD-0722	470401	5417826	-0.6	-0.6	-0.6	-0.6	-6	55.38	5
649	96-RDD-0723	470177	5416845	-0.6	0.8	-0.6	0.6	-6	38.04	5
650	96-RDD-0724	469713	5417243	-0.6	-0.6	-0.6	-0.6	-6	57.45	5
651	96-RDD-0725	468978	5417213	-0.6	-0.6	-0.6	-0.6	-6	66.84	5
652	96-RDD-0726	468084	5417216	-0.6	-0.6	-0.6	-0.6	-6	47.68	5
653	96-RDD-0727	467604	5417268	-0.3	-0.3	-0.3	0.3	-3	47.06	10
654	96-RDD-0728	467832	5417835	-0.3	0.4	-0.3	1.3	-3	37.51	10
655	96-RDD-0729	467728	5418540	-0.3	1.6	-0.3	1.1	-3	47.06	10
656	96-RDD-0731	467423	5419399	-0.6	0.7	-0.6	0.7	-6	53.63	5
657	96-RDD-0732	467252	5419954	-0.6	-0.6	-0.6	-0.6	-6	58.97	5
659	96-RDD-0734	467472	5415807	-0.3	2.9	-0.3	1.8	-3	34.00	10
660	96-RDD-0735	468385	5414652	-0.6	-0.6	-0.6	-0.6	-6	43.78	5
661	96-RDD-0736	469078	5414398	-0.6	-0.6	-0.6	-0.6	-6	55.07	5
662	96-RDD-0737	469529	5415917	-0.6	-0.6	-0.6	-0.6	-6	59.56	5
663	96-RDD-0738	471298	5417130	-0.6	1.2	-0.6	-0.6	-6	52.44	5
664	96-RDD-0739	471221	5418562	-1.0	-1.0	-1.0	-1.0	-10	66.18	3
665	96-RDD-0741	471469	5419324	-0.6	-0.6	-0.6	-0.6	-6	45.80	5
667	96-RDD-0743	469728	5420879	-0.6	-0.6	-0.6	-0.6	-6	53.63	5
668	96-RDD-0744	470109	5421331	-0.6	-0.6	-0.6	-0.6	-6	47.95	5
669	96-RDD-0745	470424	5421778	-0.6	-0.6	-0.6	-0.6	-6	42.58	5
670	96-RDD-0746	469232	5422093	-0.6	-0.6	-0.6	-0.6	-6	41.92	5
671	96-RDD-0747	469430	5422758	-0.6	-0.6	-0.6	-0.6	-6	53.28	5
672	96-RDD-0748	469680	5423744	-0.6	-0.6	-0.6	-0.6	-6	49.91	5
673	96-RDD-0749	470069	5424077	-0.6	-0.6	-0.6	-0.6	-6	39.47	5
674	96-RDD-0751	470404	5424117	-0.3	0.4	-0.3	0.5	-3	39.19	10
675	96-RDD-0752	470618	5424866	-0.3	0.7	-0.3	0.7	-3	38.42	10
676	96-RDD-0753	471101	5424388	-0.6	1.9	-0.6	-0.6	-6	60.59	5
677	96-RDD-0754	471249	5423840	-0.6	-0.6	-0.6	-0.6	-6	50.38	5
678	96-RDD-0755	470713	5423359	-0.6	-0.6	-0.6	-0.6	-6	57.26	5
679	96-RDD-0756	471622	5423013	-0.6	-0.6	-0.6	-0.6	-6	43.65	5
680	96-RDD-0757	471126	5422014	-0.6	-0.6	-0.6	-0.6	-6	50.93	5
681	96-RDD-0758	471433	5421064	-0.6	-0.6	-0.6	-0.6	-6	50.30	5
682	96-RDD-0759	474463	5420135	-0.6	-0.6	-0.6	-0.6	-6	42.11	5
683	96-RDD-0761	475724	5419856	-1.0	-1.0	-1.0	-1.0	-10	54.18	3
684	96-RDD-0762	478949	5418190	-0.6	5.5	-0.6	1.5	7	34.76	5
685	96-RDD-0763	483592	5416500	-0.6	0.6	-0.6	-0.6	-6	58.93	5
686	96-RDD-0764	488002	5414243	-0.3	1.1	-0.3	0.9	-3	2.71	10
687	96-RDD-0765	492059	5412516	-0.3	1.1	-0.3	2.4	-3	49.89	10
688	96-RDD-0766	499451	5412558	-0.6	0.8	-0.6	-0.6	-6	48.78	5
689	96-RDD-0767	497386	5413203	-1.0	1.0	-1.0	-1.0	-10	51.00	3
691	96-RDD-0769	492344	5417209	-0.6	-0.6	-0.6	-0.6	-6	48.75	5
693	96-RDD-0772	487432	5419539	-1.0	-1.0	-1.0	-1.0	-10	55.89	3
694	96-RDD-0773	485174	5421544	-1.0	1.1	-1.0	-1.0	-10	51.42	3
695	96-RDD-0774	482852	5423593	-0.3	-0.3	-0.3	0.6	-3	26.28	10
696	96-RDD-0775	480096	5425255	-0.3	1.2	-0.3	0.9	9	39.10	10
697	96-RDD-0776	477868	5426657	-0.6	-0.6	-0.6	-0.6	-6	45.53	5
698	96-RDD-0777	476336	5428548	-0.6	-0.6	-0.6	-0.6	-6	50.67	5
699	96-RDD-0778	475483	5428364	-0.3	-0.3	-0.3	0.5	8	40.03	10
700	96-RDD-0779	474364	5427848	-0.3	-0.3	-0.3	-0.3	-3	56.09	10
701	96-RDD-0781	474065	5427498	-1.0	-1.0	-1.0	-1.0	-10	55.36	3
702	96-RDD-0782	471382	5425756	-0.6	0.9	-0.6	-0.6	-6	42.62	5
703	96-RDD-0783	470990	5426372	-0.6	0.8	-0.6	-0.6	-6	46.76	5
704	96-RDD-0784	470374	5426036	-0.6	0.7	-0.6	-0.6	-6	36.86	5
705	96-RDD-0785	470349	5426924	-0.6	0.6	-0.6	-0.6	-6	49.87	5
706	96-RDD-0786	469206	5426793	-0.6	-0.6	-0.6	-0.6	-6	49.39	5
707	96-RDD-0787	469512	5427235	-0.6	-0.6	-0.6	-0.6	-6	51.94	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
708	96-RDD-0788	469921	5427617	-0.3	-0.3	-0.3	0.7	-3	41.00	10
709	96-RDD-0789	472339	5428121	-2.0	-2.0	-2.0	-2.0	7	56.78	1.71
710	96-RDD-0791	472640	5429222	-0.6	-0.6	-0.6	-0.6	-6	49.45	5
711	96-RDD-0792	472330	5429783	-0.3	-0.3	-0.3	-0.3	-3	15.96	10
712	96-RDD-0793	472513	5430647	-0.6	-0.6	-0.6	-0.6	-6	32.65	5
713	96-RDD-0794	473455	5430214	-1.0	1.4	-1.0	-1.0	-10	55.75	3
719	96-RDD-0801	476166	5429872	-0.6	1.0	-0.6	0.7	-6	48.71	5
720	96-RDD-0802	476982	5429164	-1.0	-1.0	-1.0	-1.0	-10	59.99	3
721	96-RDD-0803	477557	5430805	-1.0	-1.0	-1.0	-1.0	-10	56.82	3
723	96-RDD-0805	477850	5429365	-1.0	-1.0	-1.0	-1.0	-10	56.55	3
724	96-RDD-0806	478277	5428672	-1.0	-1.0	-1.0	-1.0	-10	61.49	3
725	96-RDD-0807	478471	5429124	-0.6	0.7	-0.6	-0.6	-6	57.02	5
726	96-RDD-0808	479150	5429395	-0.6	-0.6	-0.6	-0.6	-6	55.57	5
727	96-RDD-0809	479823	5429297	-0.6	-0.6	-0.6	-0.6	-6	52.20	5
732	96-RDD-0815	481498	5430889	-0.6	-0.6	-0.6	-0.6	-6	47.80	5
733	96-RDD-0816	480909	5430076	-0.6	-0.6	-0.6	-0.6	-6	49.16	5
734	96-RDD-0817	481200	5428014	-0.3	0.7	-0.3	1.1	7	26.43	10
735	96-RDD-0818	483311	5427336	-0.6	-0.6	-0.6	-0.6	-6	28.91	5
736	96-RDD-0819	483115	5428160	-0.6	-0.6	-0.6	-0.6	-6	44.98	5
737	96-RDD-0821	482513	5429078	-0.6	-0.6	-0.6	-0.6	-6	36.82	5
739	96-RDD-0823	483244	5430563	-0.6	0.6	-0.6	-0.6	-6	43.56	5
740	96-RDD-0824	483871	5430757	-0.3	-0.3	-0.3	0.6	-3	34.58	10
741	96-RDD-0825	485395	5430697	-0.6	0.6	-0.6	-0.6	-6	41.38	5
743	96-RDD-0827	485379	5428967	-1.0	-1.0	-1.0	-1.0	-10	57.98	3
744	96-RDD-0828	485573	5428586	-0.3	0.5	-0.3	0.6	-3	38.01	10
745	96-RDD-0829	487172	5425671	-1.0	3.5	-1.0	1.6	-10	50.04	3
746	96-RDD-0831	489964	5422785	21.6	-0.6	-0.6	-0.6	-6	59.85	5
747	96-RDD-0832	491753	5420870	-0.6	-0.6	-0.6	-0.6	-6	46.01	5
748	96-RDD-0833	492541	5419347	-0.6	-0.6	-0.6	-0.6	-6	50.31	5
749	96-RDD-0834	493644	5419324	-0.6	-0.6	-0.6	-0.6	-6	51.30	5
750	96-RDD-0835	497473	5414281	-0.6	0.7	-0.6	-0.6	-6	55.94	5
751	96-RDD-0836	499279	5410894	-0.3	0.9	-0.3	0.8	-3	47.92	10
752	96-RDD-0837	503816	5418152	-0.3	0.8	-0.3	0.6	-3	55.88	10
753	96-RDD-0838	504478	5420133	-1.0	-1.0	-1.0	-1.0	-10	51.37	3
754	96-RDD-0839	504747	5420948	-0.6	-0.6	-0.6	-0.6	-6	54.18	5
755	96-RDD-0841	507898	5425440	-0.6	-0.6	-0.6	-0.6	-6	61.53	5
756	96-RDD-0842	507461	5425946	-0.6	-0.6	-0.6	-0.6	-6	40.34	5
757	96-RDD-0843	499244	5438846	-0.6	0.7	-0.6	1.0	-6	52.26	5
758	96-RDD-0844	499603	5439303	-0.6	0.6	-0.6	-0.6	-6	45.86	5
760	96-RDD-0846	498766	5441207	-1.0	-1.0	-1.0	-1.0	-10	58.21	3
763	96-RDD-0849	499131	5444214	-1.0	1.2	-1.0	-1.0	-10	56.57	3
764	96-RDD-0851	498141	5447619	-0.6	2.2	-0.6	0.9	-6	55.52	5
765	96-RDD-0852	497986	5448148	-0.6	2.0	-0.6	0.8	-6	47.47	5
766	96-RDD-0853	498670	5449230	-1.0	2.3	-1.0	-1.0	-10	54.52	3
767	96-RDD-0854	497700	5450227	-0.3	1.3	-0.3	1.0	-3	52.19	10
768	96-RDD-0855	493607	5456605	-0.6	0.8	-0.6	-0.6	-6	42.41	5
769	96-RDD-0856	492224	5456771	-0.6	0.7	-0.6	-0.6	-6	55.60	5
770	96-RDD-0857	492492	5457340	-0.3	0.5	-0.3	0.5	-3	45.95	10
771	96-RDD-0858	493194	5457736	-0.6	-0.6	-0.6	-0.6	-6	45.74	5
772	96-RDD-0859	493975	5457985	-0.6	0.9	-0.6	-0.6	-6	57.17	5
773	96-RDD-0861	494934	5458890	-0.3	5.9	-0.3	0.6	-3	41.23	10
775	96-RDD-0863	492656	5458733	-0.3	0.8	-0.3	0.9	-3	40.26	10
776	96-RDD-0864	491662	5459995	-0.6	0.6	-0.6	-0.6	-6	54.11	5
777	96-RDD-0865	491512	5459129	-1.0	-1.0	-1.0	-1.0	-10	60.95	3
778	96-RDD-0866	491538	5458313	-1.0	1.2	-1.0	-1.0	-10	50.95	3
780	96-RDD-0868	490676	5456921	-0.6	-0.6	-0.6	-0.6	-6	54.78	5
782	96-RDD-0871	490021	5459283	-1.0	-1.0	-1.0	-1.0	-10	49.02	3
784	96-RDD-0873	483125	5457366	-0.6	2.3	-0.6	1.2	-6	60.95	5
786	96-RDD-0875	480197	5459169	-0.6	1.0	-0.6	-0.6	-6	39.06	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
787	96-RDD-0876	480393	5457910	-0.3	0.4	-0.3	0.5	-3	15.00	10
789	96-RDD-0878	480458	5456253	-0.6	1.2	-0.6	0.7	-6	50.66	5
790	96-RDD-0879	481133	5455593	-1.0	1.4	-1.0	-1.0	-10	63.77	3
791	96-RDD-0881	481720	5455933	-0.6	1.1	-0.6	-0.6	-6	67.28	5
793	96-RDD-0883	492715	5449972	-0.3	0.7	-0.3	0.6	-3	39.14	10
795	96-RDD-0885	491766	5447069	-0.3	0.7	-0.3	0.6	-3	59.38	10
796	96-RDD-0886	493436	5447786	-0.6	0.9	-0.6	0.6	-6	51.23	5
797	96-RDD-0887	493698	5448559	-0.6	0.7	-0.6	-0.6	-6	46.13	5
798	96-RDD-0888	496542	5448973	-0.3	2.5	-0.3	1.0	-3	48.03	10
799	96-RDD-0889	497066	5448446	-0.3	2.9	-0.3	1.4	-3	46.76	10
800	96-RDD-0891	496639	5448271	-0.6	1.4	-0.6	-0.6	-6	47.14	5
801	96-RDD-0892	496213	5447725	-1.0	2.0	-1.0	-1.0	-10	62.21	3
802	96-RDD-0893	494018	5445677	-0.6	0.8	-0.6	-0.6	-6	53.69	5
803	96-RDD-0894	491684	5445271	-0.6	0.8	-0.6	-0.6	-6	50.10	5
804	96-RDD-0895	491656	5442774	1.6	-1.0	-1.0	-1.0	-10	51.26	3
805	96-RDD-0896	498642	5427775	-0.3	1.5	-0.3	1.0	4	9.36	10
806	96-RDD-0897	499300	5425589	-0.3	1.3	-0.3	1.0	-3	20.72	10
807	96-RDD-0898	501641	5419651	-0.6	-0.6	-0.6	-0.6	-6	55.90	5
808	96-RDD-0899	496348	5413277	-0.3	0.5	-0.3	0.5	-3	52.24	10
809	96-RDD-0901	495767	5415266	-0.6	0.6	-0.6	-0.6	-6	56.96	5
810	96-RDD-0902	495068	5416765	-0.3	0.5	-0.3	0.4	-3	27.62	10
811	96-RDD-0903	494343	5418447	-1.0	-1.0	-1.0	-1.0	-10	66.17	3
812	96-RDD-0904	491829	5422981	-0.3	-0.3	-0.3	-0.3	-3	40.75	10
813	96-RDD-0905	491624	5424360	-0.3	-0.3	-0.3	0.6	-3	32.39	10
814	96-RDD-0906	491179	5428104	-0.6	0.7	-0.6	-0.6	-6	48.16	5
815	96-RDD-0907	491238	5428670	-0.6	-0.6	-0.6	-0.6	-6	52.98	5
816	96-RDD-0908	491457	5430138	-0.6	1.1	-0.6	-0.6	-6	65.70	5
817	96-RDD-0909	497677	5439078	-0.6	0.8	-0.6	-0.6	-6	55.45	5
818	96-RDD-0911	498392	5439385	-1.0	-1.0	-1.0	-1.0	-10	62.90	3
819	96-RDD-0912	498016	5439603	-0.6	0.8	-0.6	-0.6	-6	65.05	5
821	96-RDD-0914	496146	5441785	-0.6	1.1	-0.6	-0.6	-6	62.89	5
822	96-RDD-0915	493929	5441538	-0.6	1.7	-0.6	-0.6	-6	61.03	5
823	96-RDD-0916	493524	5444211	-1.0	-1.0	-1.0	-1.0	-10	63.88	3
824	96-RDD-0917	491398	5444178	-1.0	-1.0	-1.0	-1.0	-10	50.94	3
825	96-RDD-0918	491075	5442913	-0.6	0.8	-0.6	-0.6	-6	45.00	5
826	96-RDD-0919	490920	5442242	-1.0	-1.0	-1.0	-1.0	-10	57.86	3
827	96-RDD-0921	491502	5440779	-0.6	-0.6	-0.6	0.8	-6	63.92	5
828	96-RDD-0922	491545	5440017	-1.0	-1.0	-1.0	-1.0	-10	57.35	3
829	96-RDD-0923	493469	5439942	-0.6	1.0	-0.6	-0.6	-6	64.25	5
830	96-RDD-0924	493609	5438745	-0.3	0.5	-0.3	0.6	-3	37.29	10
831	96-RDD-0925	490169	5430685	-1.0	-1.0	-1.0	-1.0	-10	56.36	3
832	96-RDD-0926	489531	5429974	-0.3	1.4	-0.3	0.9	-3	38.07	10
833	96-RDD-0927	487770	5430332	-0.6	-0.6	-0.6	-0.6	-6	44.81	5
834	96-RDD-0928	487430	5430441	-0.6	1.4	-0.6	-0.6	-6	38.81	5
836	96-RDD-0931	486256	5429304	-0.6	1.3	-0.6	-0.6	-6	42.04	5
837	96-RDD-0932	487425	5429230	-0.3	0.7	-0.3	1.3	-3	25.91	10
838	96-RDD-0933	486007	5427784	-0.6	1.2	-0.6	-0.6	-6	41.44	5
839	96-RDD-0934	484973	5427964	-0.6	0.7	-0.6	-0.6	-6	51.86	5
840	96-RDD-0935	484699	5427497	-0.6	0.7	-0.6	-0.6	-6	48.76	5
841	96-RDD-0936	486070	5427070	-0.3	0.6	-0.3	0.7	-3	39.98	10
842	96-RDD-0937	486495	5427363	-1.0	1.2	-1.0	-1.0	-10	54.76	3
843	96-RDD-0938	487556	5427525	-0.6	0.7	-0.6	-0.6	-6	43.01	5
844	96-RDD-0939	488553	5427874	-0.3	3.4	-0.3	1.1	-3	33.49	10
845	96-RDD-0941	489165	5427805	-1.0	-1.0	-1.0	-1.0	-10	59.24	3
846	96-RDD-0942	490123	5428252	-0.6	1.5	-0.6	0.8	-6	60.38	5
847	96-RDD-0943	489441	5426556	-0.3	2.1	-0.3	1.5	3	53.69	10
848	96-RDD-0944	490451	5425735	-0.3	1.2	-0.3	1.0	-3	32.81	10
849	96-RDD-0945	490841	5422011	-1.0	1.0	-1.0	-1.0	-10	50.99	3
850	96-RDD-0946	492979	5418841	-0.6	-0.6	-0.6	-0.6	-6	63.53	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav % 0.01	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3		
851	96-RDD-0947	496305	5415891	-0.6	0.6	-0.6	-0.6	-6	59.52	5
852	96-RDD-0948	500172	5412574	-0.6	0.9	-0.6	-0.6	-6	51.31	5
853	96-RDD-0949	499637	5412844	-0.6	0.8	-0.6	-0.6	-6	58.42	5
854	96-RDD-0951	498059	5413594	-0.6	1.2	-0.6	-0.6	-6	49.29	5
855	96-RDD-0952	496128	5416704	-0.3	0.3	-0.3	0.4	-3	54.67	10
856	96-RDD-0953	493172	5418530	-0.6	-0.6	-0.6	-0.6	-6	50.13	5
857	96-RDD-0954	490968	5421606	-0.6	0.8	-0.6	-0.6	-6	50.71	5
858	96-RDD-0955	487409	5422681	-0.6	0.9	-0.6	-0.6	-6	51.63	5
859	96-RDD-0956	484970	5424158	-0.3	-0.3	-0.3	0.6	-3	36.51	10
860	96-RDD-0957	481351	5424659	-0.3	1.5	-0.3	1.7	-3	33.91	10
861	96-RDD-0958	480329	5425857	-0.6	0.8	-0.6	-0.6	-6	39.67	5
862	96-RDD-0959	480012	5426516	-0.6	1.3	-0.6	0.9	-6	45.48	5
863	96-RDD-0961	479720	5426497	-0.3	1.0	-0.3	1.1	14	25.45	10
864	96-RDD-0962	479435	5427168	-0.3	0.7	-0.3	1.0	16	28.95	10
865	96-RDD-0963	479871	5425705	-1.0	1.9	-1.0	1.0	16	58.41	3
867	96-RDD-0965	478379	5425092	-0.6	2.1	-0.6	1.6	-6	48.98	5
868	96-RDD-0966	477528	5425651	-0.6	-0.6	-0.6	0.8	-6	48.28	5
869	96-RDD-0967	477062	5425495	-0.6	1.0	-0.6	-0.6	-6	58.69	5
870	96-RDD-0968	476885	5424880	-0.6	1.0	-0.6	-0.6	-6	39.57	5
872	96-RDD-0971	475493	5424755	-0.6	-0.6	-0.6	-0.6	-6	48.54	5
873	96-RDD-0972	475139	5425141	-0.6	1.0	-0.6	-0.6	-6	71.51	5
874	96-RDD-0973	475803	5426917	-0.6	1.2	-0.6	1.0	-6	43.48	5
875	96-RDD-0974	474231	5427213	-0.3	-0.3	-0.3	0.5	-3	40.42	10
876	96-RDD-0975	473895	5426377	-0.6	1.1	-0.6	-0.6	-6	36.99	5
878	96-RDD-0977	474427	5425075	-0.6	0.7	-0.6	-0.6	-6	46.64	5
879	96-RDD-0978	473190	5424689	-0.6	3.2	-0.6	1.0	-6	55.48	5
880	96-RDD-0979	473524	5424310	-0.6	2.5	-0.6	1.2	-6	57.64	5
881	96-RDD-0981	473478	5423911	-0.6	1.8	-0.6	-0.6	-6	39.90	5
882	96-RDD-0982	473570	5423369	-0.6	8.4	-0.6	-0.6	-6	40.12	5
883	96-RDD-0983	472274	5423581	-0.6	1.0	-0.6	-0.6	-6	40.81	5
884	96-RDD-0984	472149	5424025	-0.3	0.4	-0.3	0.6	-3	36.27	10
885	96-RDD-0985	471882	5424261	-0.6	-0.6	-0.6	-0.6	-6	40.90	5
886	96-RDD-0986	471586	5423631	-0.6	-0.6	-0.6	-0.6	-6	52.13	5
887	96-RDD-0987	472330	5422974	-0.6	0.9	-0.6	-0.6	-6	53.86	5
888	96-RDD-0988	472420	5423196	-0.3	0.5	-0.3	0.6	-3	38.67	10
889	96-RDD-0989	472809	5422629	-0.3	-0.3	-0.3	-0.3	-3	38.93	10
890	96-RDD-0991	472339	5421847	-0.3	0.3	-0.3	0.5	-3	37.14	10
891	96-RDD-0992	473637	5422339	-0.3	1.6	-0.3	0.9	-3	52.06	10
892	96-RDD-0993	474695	5422022	-0.3	0.9	-0.3	1.0	-3	48.20	10
893	96-RDD-0994	475399	5422032	-0.6	0.6	-0.6	-0.6	-6	43.69	5
894	96-RDD-0995	475790	5421963	-0.3	0.9	-0.3	0.9	-3	39.42	10
895	96-RDD-0996	477598	5422077	-0.6	0.8	-0.6	-0.6	-6	46.07	5
896	96-RDD-0997	477356	5422490	-0.6	0.6	-0.6	-0.6	-6	46.45	5
897	96-RDD-0998	478814	5422078	-0.6	1.0	-0.6	0.6	-6	46.53	5
898	96-RDD-0999	481089	5421407	-0.6	-0.6	-0.6	-0.6	8	50.04	5
899	96-RDD-1001	483883	5420388	-1.0	1.1	-1.0	-1.0	-10	58.12	3
900	96-RDD-1002	485519	5420307	-0.3	-0.3	-0.3	0.5	4	43.41	10
901	96-RDD-1003	489069	5417164	-0.6	-0.6	-0.6	-0.6	-6	57.57	5
902	96-RDD-1004	492803	5414959	-0.3	0.4	-0.3	0.5	3	51.89	10
903	96-RDD-1005	496014	5412890	-0.3	17.3	-0.3	60.0	7	49.38	10
905	96-RDD-1007	494792	5415911	-0.3	0.3	-0.3	0.3	6	29.26	10
906	96-RDD-1008	493812	5417381	-0.3	1.9	-0.3	-0.3	-3	41.41	10
907	96-RDD-1009	493889	5417694	-0.3	-0.3	-0.3	-0.3	-3	44.57	10
909	96-RDD-1012	491170	5420667	-0.3	0.8	-0.3	1.0	-3	25.27	10
910	96-RDD-1013	490376	5420411	-0.3	1.9	-0.3	1.6	-3	31.46	10
911	96-RDD-1014	488805	5422359	-0.3	4.2	-0.3	2.5	-3	46.92	10
912	96-RDD-1015	488557	5423667	-0.6	-0.6	-0.6	-0.6	-6	62.65	5
913	96-RDD-1016	489943	5424718	-0.3	16.7	-0.3	61.5	3	39.55	10
914	96-RDD-1017	488382	5425938	-0.6	0.8	-0.6	-0.6	-6	65.95	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
915	96-RDD-1018	487752	5425612	-0.3	1.0	-0.3	0.7	-3	66.17	10
916	96-RDD-1019	486907	5426067	-1.0	1.8	-1.0	1.3	-10	48.96	3
917	96-RDD-1021	485839	5426312	-0.3	0.6	-0.3	0.3	-3	43.43	10
918	96-RDD-1022	485550	5424974	-0.3	1.8	-0.3	1.4	-3	36.30	10
919	96-RDD-1023	484819	5425551	-0.3	-0.3	-0.3	-0.3	-3	32.65	10
920	96-RDD-1024	484583	5426928	-0.6	-0.6	-0.6	-0.6	-6	36.39	5
921	96-RDD-1025	483529	5426419	-0.3	0.4	-0.3	-0.3	-3	36.98	10
922	96-RDD-1026	482760	5426331	-0.3	0.4	-0.3	0.3	-3	25.35	10
923	96-RDD-1027	480945	5424557	-0.6	1.4	-0.6	-0.6	-6	31.13	5
924	96-RDD-1028	480574	5424094	-0.6	0.6	-0.6	-0.6	-6	47.00	5
925	96-RDD-1029	481302	5423713	-1.0	-1.0	-1.0	-1.0	-10	59.59	3
926	96-RDD-1031	480881	5423144	-0.6	1.1	-0.6	0.7	-6	32.03	5
927	96-RDD-1032	481592	5423189	-0.6	1.1	-0.6	-0.6	-6	49.53	5
928	96-RDD-1033	481841	5422684	-0.3	0.4	-0.3	0.4	-3	37.51	10
929	96-RDD-1034	481704	5421605	-0.6	0.8	-0.6	-0.6	-6	53.59	5
930	96-RDD-1035	483389	5421322	-0.3	0.3	-0.3	-0.3	-3	31.89	10
931	96-RDD-1036	483194	5422338	-0.6	1.0	-0.6	0.7	-6	41.13	5
932	96-RDD-1037	483957	5422445	-0.6	-0.6	-0.6	-0.6	-6	62.28	5
933	96-RDD-1038	485601	5422569	-0.6	-0.6	-0.6	-0.6	-6	49.29	5
934	96-RDD-1039	486905	5423861	-0.6	-0.6	-0.6	-0.6	-6	51.53	5
935	96-RDD-1041	486742	5424329	-0.6	2.2	-0.6	1.3	-6	51.13	5
936	96-RDD-1042	487349	5424126	-0.6	-0.6	-0.6	-0.6	-6	55.93	5
937	96-RDD-1043	489058	5424609	-0.6	0.7	-0.6	-0.6	-6	53.85	5
938	96-RDD-1044	488984	5420963	-1.0	-1.0	-1.0	-1.0	-10	59.29	3
939	96-RDD-1045	489115	5420443	-0.3	-0.3	-0.3	-0.3	-3	45.24	10
940	96-RDD-1046	489149	5419574	-0.6	-0.6	-0.6	-0.6	-6	35.81	5
941	96-RDD-1047	489654	5418244	-0.3	-0.3	-0.3	-0.3	-3	53.68	10
943	96-RDD-1049	491246	5418206	-0.6	-0.6	-0.6	-0.6	-6	50.91	5
944	96-RDD-1051	491732	5417331	-0.6	-0.6	-0.6	-0.6	-6	55.12	5
945	96-RDD-1052	492195	5416536	-0.3	-0.3	-0.3	-0.3	-3	46.20	10
946	96-RDD-1053	492691	5416604	-0.6	-0.6	-0.6	-0.6	-6	51.46	5
947	96-RDD-1054	493069	5416492	-1.0	2.1	-1.0	-1.0	-10	52.10	3
948	96-RDD-1055	493619	5415053	-0.6	1.0	-0.6	-0.6	-6	56.95	5
949	96-RDD-1056	497513	5413519	-1.0	2.1	-1.0	-1.0	-10	68.85	3
951	96-RDD-1058	494838	5411820	-0.3	0.6	-0.3	0.4	-3	42.40	10
952	96-RDD-1059	492411	5415436	-0.6	-0.6	-0.6	-0.6	-6	73.55	5
953	96-RDD-1061	491407	5416078	-0.3	-0.3	-0.3	-0.3	-3	48.13	10
954	96-RDD-1062	491541	5416798	-0.3	-0.3	-0.3	-0.3	-3	43.60	10
955	96-RDD-1063	489845	5415817	-0.3	0.5	-0.3	0.6	-3	10.15	10
956	96-RDD-1064	489053	5415756	-0.3	0.6	-0.3	0.6	-3	45.62	10
957	96-RDD-1065	486458	5417592	-0.3	0.5	-0.3	0.6	-3	34.90	10
958	96-RDD-1066	485341	5417177	-0.6	-0.6	-0.6	-0.6	-6	65.07	5
959	96-RDD-1067	485417	5417815	-0.6	-0.6	-0.6	-0.6	-6	53.70	5
960	96-RDD-1068	484993	5417897	-0.6	-0.6	-0.6	-0.6	-6	58.03	5
961	96-RDD-1069	486274	5421041	-1.0	-1.0	-1.0	-1.0	-10	50.00	3
962	96-RDD-1071	486182	5421647	-1.0	-1.0	-1.0	-1.0	-10	54.70	3
963	96-RDD-1072	485058	5420519	-0.6	0.8	-0.6	-0.6	-6	38.84	5
964	96-RDD-1073	483944	5418929	-0.6	0.6	-0.6	-0.6	-6	47.32	5
965	96-RDD-1074	482360	5418892	-0.6	0.9	-0.6	-0.6	-6	61.40	5
966	96-RDD-1075	481707	5418271	-0.6	0.9	-0.6	-0.6	-6	44.42	5
967	96-RDD-1076	481664	5418687	-0.6	0.7	-0.6	-0.6	-6	51.92	5
969	96-RDD-1078	480258	5420778	-0.3	2.8	-0.3	1.5	6	28.13	10
970	96-RDD-1079	479788	5420187	-0.6	1.2	-0.6	0.6	-6	34.67	5
971	96-RDD-1081	479423	5420808	-0.6	1.0	-0.6	0.7	-6	43.52	5
972	96-RDD-1082	478178	5421416	-0.6	0.7	-0.6	-0.6	-6	53.77	5
973	96-RDD-1083	477571	5421014	-0.3	0.7	-0.3	0.8	-3	37.42	10
974	96-RDD-1084	477242	5420479	-0.6	0.9	-0.6	-0.6	-6	61.45	5
975	96-RDD-1085	478183	5420206	-0.3	0.7	-0.3	0.8	3	7.03	10
976	96-RDD-1086	478768	5419521	-0.6	0.7	-0.6	-0.6	-6	50.09	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
977	96-RDD-1087	478450	5419331	-0.6	0.9	-0.6	-0.6	-6	53.99	5
978	96-RDD-1088	477771	5419432	-0.6	0.7	-0.6	-0.6	-6	53.08	5
979	96-RDD-1089	477315	5419737	-0.6	0.7	-0.6	-0.6	-6	52.62	5
980	96-RDD-1091	476458	5419147	-0.6	-0.6	-0.6	-0.6	-6	45.74	5
981	96-RDD-1092	475779	5418857	-0.6	0.9	-0.6	-0.6	-6	54.04	5
982	96-RDD-1093	474518	5418389	-0.6	0.9	-0.6	-0.6	-6	62.82	5
983	96-RDD-1094	474271	5418857	-0.6	0.8	-0.6	-0.6	-6	59.46	5
985	96-RDD-1096	472746	5419876	-0.6	0.7	-0.6	-0.6	-6	53.89	5
986	96-RDD-1097	472581	5419079	-0.6	1.0	-0.6	-0.6	-6	58.30	5
987	96-RDD-1098	472103	5418129	-1.0	1.1	-1.0	-1.0	-10	55.09	3
988	96-RDD-1099	473079	5417365	-0.6	0.8	-0.6	-0.6	-6	53.33	5
989	96-RDD-1101	473062	5417979	-0.3	0.4	-0.3	-0.3	-3	45.98	10
990	96-RDD-1102	473931	5417712	-0.3	-0.3	-0.3	0.6	-3	48.00	10
991	96-RDD-1103	473832	5417209	-1.0	1.6	-1.0	-1.0	-10	40.20	3
992	96-RDD-1104	474007	5416708	-0.6	0.9	-0.6	-0.6	-6	56.33	5
993	96-RDD-1105	478015	5416540	-0.6	-0.6	-0.6	-0.6	-6	54.22	5
994	96-RDD-1106	478723	5416280	-1.0	-1.0	-1.0	-1.0	-10	55.22	3
995	96-RDD-1107	481859	5415881	-0.3	1.1	-0.3	0.6	-3	35.51	10
996	96-RDD-1108	483845	5414971	-0.6	1.3	-0.6	-0.6	-6	61.29	5
997	96-RDD-1109	488811	5413594	-0.6	0.7	-0.6	-0.6	-6	39.63	5
998	96-RDD-1111	490989	5412733	-0.6	0.8	-0.6	-0.6	-6	51.32	5
999	96-RDD-1112	494957	5409920	-0.6	0.8	-0.6	-0.6	-6	44.89	5
1000	96-RDD-1113	497262	5408886	-0.3	-0.3	-0.3	-0.3	-3	19.99	10
1001	96-RDD-1114	493822	5410423	-0.6	0.6	-0.6	-0.6	-6	41.46	5
1003	96-RDD-1116	491012	5411829	-0.3	0.3	-0.3	0.3	-3	49.47	10
1004	96-RDD-1117	490405	5411571	-0.3	0.3	0.3	0.3	-3	53.15	10
1005	96-RDD-1118	485485	5412564	-1.0	-1.0	-1.0	-1.0	-5	40.52	2.22
1006	96-RDD-1119	482584	5413133	-0.6	-0.6	-0.6	-0.6	-6	42.82	5
1007	96-RDD-1121	480261	5412970	-0.6	0.8	-0.6	-0.6	-6	47.78	5
1008	96-RDD-1122	476678	5414632	-0.6	-0.6	-0.6	-0.6	-6	37.67	5
1009	96-RDD-1123	476388	5414538	-0.6	-0.6	-0.6	-0.6	-6	38.62	5
1010	96-RDD-1124	476235	5413659	-0.6	-0.6	-0.6	-0.6	-6	34.70	5
1012	96-RDD-1126	475507	5415305	-0.6	0.6	-0.6	-0.6	-6	39.18	5
1013	96-RDD-1127	474603	5415635	-0.6	1.0	-0.6	-0.6	-6	43.98	5
1016	96-RDD-1131	473563	5414679	-0.6	-0.6	-0.6	-0.6	-6	32.90	5
1018	96-RDD-1133	472789	5415513	-0.6	0.6	-0.6	-0.6	-6	29.91	5
1019	96-RDD-1134	472790	5415103	-1.0	-1.0	-1.0	-1.0	-10	38.05	3
1021	96-RDD-1136	471775	5415749	-0.6	-0.6	-0.6	-0.6	-6	41.62	5
1022	96-RDD-1137	471244	5415206	-0.6	-0.6	-0.6	-0.6	-6	36.25	5
1023	96-RDD-1138	470783	5414988	-0.6	-0.6	-0.6	-0.6	-6	42.79	5
1024	96-RDD-1139	470729	5414300	-1.0	-1.0	-1.0	-1.0	-10	59.74	3
1025	96-RDD-1141	470158	5413687	-1.0	-1.0	-1.0	-1.0	-10	55.25	3
1026	96-RDD-1142	469577	5413882	-0.6	-0.6	-0.6	-0.6	-6	48.99	5
1027	96-RDD-1143	469895	5412963	-0.6	-0.6	-0.6	-0.6	-6	63.18	5
1028	96-RDD-1144	470653	5413280	-0.6	-0.6	-0.6	-0.6	-6	50.06	5
1029	96-RDD-1145	471886	5411534	-0.6	1.1	-0.6	0.6	-6	41.47	5
1031	96-RDD-1147	472891	5411535	-0.3	0.7	-0.3	0.7	-3	22.91	10
1032	96-RDD-1148	472592	5410362	-0.6	1.2	-0.6	0.8	-6	37.71	5
1033	96-RDD-1149	472699	5408746	-0.6	1.2	-0.6	-0.6	-6	32.46	5
1034	96-RDD-1151	473764	5409713	-1.0	-1.0	-1.0	-1.0	-10	56.65	3
1035	96-RDD-1152	474798	5410646	-0.6	-0.6	-0.6	-0.6	-6	59.38	5
1036	96-RDD-1153	474289	5410774	-0.6	0.7	-0.6	-0.6	-6	58.93	5
1037	96-RDD-1154	473947	5412494	-0.6	1.0	-0.6	-0.6	-6	34.33	5
1038	96-RDD-1155	473051	5413192	-0.3	-0.3	-0.3	-0.3	-3	50.20	10
1039	96-RDD-1156	473788	5413621	-0.6	1.0	-0.6	-0.6	-6	43.83	5
1041	96-RDD-1158	474715	5412703	-0.6	-0.6	-0.6	-0.6	-6	58.86	5
1042	96-RDD-1159	477386	5412273	-0.3	-0.3	-0.3	-0.3	-3	34.83	10
1043	96-RDD-1161	479788	5411600	-0.6	-0.6	-0.6	-0.6	-6	50.16	5
1044	96-RDD-1162	483639	5411160	-0.6	0.8	-0.6	-0.6	-6	44.91	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
1045	96-RDD-1163	489601	5410694	-0.6	1.5	-0.6	-0.6	-6	50.31	5
1046	96-RDD-1164	496403	5406583	-0.6	-0.6	-0.6	-0.6	-6	45.61	5
1047	96-RDD-1165	498069	5406153	-0.3	-0.3	-0.3	0.5	-3	35.54	10
1049	96-RDD-1167	490944	5411153	-0.6	1.1	-0.6	-0.6	-6	54.37	5
1050	96-RDD-1168	490445	5411018	-0.6	1.4	-0.6	-0.6	-6	51.24	5
1051	96-RDD-1169	490009	5413168	-0.6	-0.6	-0.6	-0.6	-6	57.30	5
1052	96-RDD-1171	490634	5413970	-0.3	-0.3	-0.3	-0.3	-3	46.64	10
1053	96-RDD-1172	489120	5413421	-0.6	-0.6	-0.6	-0.6	-6	54.73	5
1054	96-RDD-1173	488996	5414205	-0.6	-0.6	-0.6	-0.6	-6	46.80	5
1055	96-RDD-1174	488695	5414964	-0.6	-0.6	-0.6	-0.6	-6	24.49	5
1056	96-RDD-1175	486375	5415257	-0.6	0.9	-0.6	-0.6	-6	42.19	5
1057	96-RDD-1176	486535	5415973	-0.3	0.3	-0.3	1.0	-3	23.56	10
1058	96-RDD-1177	486986	5415969	-0.6	-0.6	-0.6	-0.6	-6	52.27	5
1059	96-RDD-1178	486938	5416328	-0.6	-0.6	-0.6	-0.6	-6	47.33	5
1060	96-RDD-1179	485318	5415338	-0.6	-0.6	-0.6	-0.6	-6	40.87	5
1061	96-RDD-1181	485280	5415876	-0.6	6.5	-0.6	4.9	-6	40.84	5
1062	96-RDD-1182	484810	5416586	-0.6	0.8	-0.6	-0.6	-6	43.12	5
1063	96-RDD-1183	484317	5416310	-0.6	0.8	-0.6	-0.6	-6	65.44	5
1064	96-RDD-1184	484238	5415911	-0.6	-0.6	-0.6	-0.6	-6	53.54	5
1065	96-RDD-1185	483153	5416373	-0.6	-0.6	-0.6	-0.6	-6	50.73	5
1066	96-RDD-1186	483028	5417286	-0.6	0.9	-0.6	-0.6	-6	53.35	5
1067	96-RDD-1187	481829	5416816	-0.6	1.7	-0.6	0.8	-6	45.57	5
1068	96-RDD-1188	481105	5416611	-1.0	-1.0	-1.0	-1.0	-10	50.07	3
1069	96-RDD-1189	481018	5417035	-1.0	-1.0	-1.0	-1.0	-10	51.92	3
1070	96-RDD-1191	480663	5418662	-1.0	1.1	-1.0	-1.0	-10	43.87	3
1071	96-RDD-1192	479627	5419026	-1.0	-1.0	-1.0	-1.0	-10	53.96	3
1072	96-RDD-1193	478789	5417578	-0.6	7.1	-0.6	44.4	-6	48.25	5
1073	96-RDD-1194	478329	5417300	-0.6	-0.6	-0.6	-0.6	-6	45.03	5
1074	96-RDD-1195	477884	5417055	-0.6	-0.6	-0.6	-0.6	-6	50.70	5
1075	96-RDD-1196	478408	5417777	-0.6	-0.6	-0.6	-0.6	-6	43.48	5
1077	96-RDD-1198	477776	5418343	-1.0	2.3	-1.0	1.2	-10	50.95	3
1078	96-RDD-1199	477659	5418914	-1.0	1.6	-1.0	1.8	-10	57.04	3
1079	96-RDD-1201	477149	5418182	-0.6	-0.6	-0.6	-0.6	-6	47.35	5
1080	96-RDD-1202	476167	5417638	-0.6	0.7	-0.6	-0.6	-6	39.34	5
1081	96-RDD-1203	475413	5417860	-0.6	1.0	-0.6	0.6	-6	46.42	5
1082	96-RDD-1204	474706	5416927	-0.6	1.0	-0.6	-0.6	-6	39.95	5
1083	96-RDD-1205	475363	5416893	-0.3	1.1	-0.3	0.8	-3	33.77	10
1084	96-RDD-1206	476360	5416947	-0.6	0.8	-0.6	-0.6	-6	54.68	5
1085	96-RDD-1207	476896	5416147	-0.6	-0.6	-0.6	-0.6	-6	40.51	5
1086	96-RDD-1208	476498	5415815	-0.3	1.1	-0.3	-0.3	-3	44.54	10
1087	96-RDD-1209	476277	5415881	-1.0	-1.0	-1.0	-1.0	-10	54.51	3
1088	96-RDD-1211	476968	5415067	-0.6	-0.6	-0.6	-0.6	-6	39.75	5
1089	96-RDD-1212	477849	5415851	-0.6	-0.6	-0.6	-0.6	-6	52.52	5
1090	96-RDD-1213	479893	5416459	-0.6	-0.6	-0.6	-0.6	-6	46.57	5
1091	96-RDD-1214	483251	5414862	-0.6	1.4	-0.6	2.0	-6	53.32	5
1092	96-RDD-1215	485632	5414073	-0.3	0.9	-0.3	0.7	-3	4.19	10
1093	96-RDD-1216	488610	5412601	0.3	-0.3	-0.3	-0.3	-3	31.40	10
1094	96-RDD-1217	497270	5405194	-0.6	3.2	-0.6	4.4	-6	49.37	5
1095	96-RDD-1218	501831	5412001	-0.6	1.7	-0.6	1.4	-6	46.44	5
1096	96-RDD-1219	494914	5405386	-0.3	0.4	-0.3	-0.3	-3	27.46	10
1098	96-RDD-1222	488030	5406278	-0.6	0.9	-0.6	0.7	-6	47.12	5
1104	96-RDD-1228	483397	5402703	-1.0	-1.0	-1.0	-1.0	-10	51.15	3
1105	96-RDD-1229	482593	5402842	-0.3	0.5	-0.3	0.3	-3	26.59	10
1106	96-RDD-1231	505009	5411424	-0.6	0.7	-0.6	-0.6	-6	48.39	5
1107	96-RDD-1232	503888	5416681	-0.6	-0.6	-0.6	-0.6	-6	60.34	5
1108	96-RDD-1233	503803	5417457	-0.6	0.6	-0.6	-0.6	-6	69.44	5
1109	96-RDD-1234	504830	5418426	-0.6	-0.6	-0.6	-0.6	-6	46.13	5
1110	96-RDD-1235	505682	5418455	-0.6	-0.6	-0.6	-0.6	-6	50.98	5
1111	96-RDD-1236	506256	5419395	-0.6	-0.6	-0.6	-0.6	-6	53.87	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
1113	96-RDD-1238	505959	5420404	-0.6	-0.6	-0.6	-0.6	-6	58.42	5
1114	96-RDD-1239	516472	5421227	-0.6	1.4	-0.6	-0.6	-6	54.07	5
1115	96-RDD-1241	506107	5421261	-0.6	-0.6	-0.6	-0.6	-6	45.76	5
1116	96-RDD-1242	503614	5421195	-0.3	1.2	-0.3	0.9	-3	12.12	10
1117	96-RDD-1243	501478	5422000	-1.0	1.1	-1.0	-1.0	-10	50.75	3
1118	96-RDD-1244	501840	5420935	-0.6	-0.6	-0.6	-0.6	-6	40.49	5
1119	96-RDD-1245	502113	5420669	-0.6	-0.6	-0.6	-0.6	-6	47.65	5
1120	96-RDD-1246	502734	5419777	-0.6	1.1	-0.6	-0.6	-6	40.85	5
1121	96-RDD-1247	503311	5420021	-0.3	0.8	-0.3	0.5	-3	19.05	10
1122	96-RDD-1248	504057	5419035	-0.6	0.8	-0.6	-0.6	-6	56.94	5
1123	96-RDD-1249	503543	5418585	-0.6	-0.6	-0.6	-0.6	-6	51.61	5
1124	96-RDD-1251	502951	5418139	-0.6	0.6	-0.6	-0.6	-6	54.19	5
1125	96-RDD-1252	501748	5418798	-0.6	0.8	-0.6	-0.6	-6	56.75	5
1126	96-RDD-1253	501610	5417890	-0.6	-0.6	-0.6	-0.6	-6	43.35	5
1127	96-RDD-1254	502119	5417110	-0.6	-0.6	-0.6	0.6	-6	45.25	5
1128	96-RDD-1255	502583	5416411	-0.6	-0.6	-0.6	-0.6	-6	47.38	5
1129	96-RDD-1256	499726	5402783	-1.0	-1.0	-1.0	-1.0	-10	62.24	3
1130	96-RDD-1257	499530	5403215	-0.6	1.0	-0.6	-0.6	-6	51.51	5
1131	96-RDD-1258	497594	5405190	-0.6	0.8	-0.6	-0.6	-6	47.09	5
1132	96-RDD-1259	487074	5408390	-0.6	1.9	-0.6	0.9	-6	62.90	5
1133	96-RDD-1261	486733	5408607	-1.0	1.0	-1.0	-1.0	-10	56.49	3
1134	96-RDD-1262	487205	5409453	-0.6	2.1	-0.6	1.1	-6	41.16	5
1135	96-RDD-1263	487042	5409858	-0.3	1.1	-0.3	0.3	-3	40.14	10
1136	96-RDD-1264	485568	5409879	-0.3	-0.3	-0.3	0.4	-3	35.52	10
1137	96-RDD-1265	486008	5410180	-0.6	0.7	-0.6	-0.6	-6	59.14	5
1138	96-RDD-1266	486323	5410675	-0.6	1.7	-0.6	-0.6	-6	48.46	5
1139	96-RDD-1267	486352	5411591	-0.6	-0.6	-0.6	-0.6	-6	48.28	5
1140	96-RDD-1268	486378	5412306	-0.6	0.6	-0.6	-0.6	-6	46.69	5
1141	96-RDD-1269	487130	5412031	-0.6	0.9	-0.6	-0.6	-6	42.89	5
1142	96-RDD-1271	487461	5411232	-0.6	-0.6	-0.6	-0.6	-6	58.71	5
1143	96-RDD-1272	488649	5411223	-0.3	0.6	-0.3	-0.3	-3	40.16	10
1144	96-RDD-1273	487682	5412514	-0.6	0.9	-0.6	-0.6	-6	40.48	5
1145	96-RDD-1274	487649	5413549	-0.6	0.7	-0.6	-0.6	-6	50.85	5
1146	96-RDD-1275	486871	5412940	-0.6	0.9	-0.6	-0.6	-6	44.70	5
1148	96-RDD-1277	484741	5413398	-0.6	1.0	-0.6	-0.6	-6	43.26	5
1149	96-RDD-1278	484477	5411302	-0.3	-0.3	-0.3	0.5	-3	45.90	10
1150	96-RDD-1279	483913	5413054	-0.3	0.5	-0.3	0.4	6	54.24	10
1151	96-RDD-1281	482452	5414514	-0.6	-0.6	-0.6	-0.6	-6	45.52	5
1152	96-RDD-1282	482580	5414688	-0.6	-0.6	-0.6	-0.6	-6	62.40	5
1154	96-RDD-1284	480623	5414574	-0.6	0.7	-0.6	-0.6	-6	54.58	5
1155	96-RDD-1285	479995	5414606	-0.6	-0.6	-0.6	-0.6	-6	51.54	5
1156	96-RDD-1286	479515	5414824	-0.6	-0.6	-0.6	-0.6	-6	41.93	5
1157	96-RDD-1287	479472	5415646	-1.0	-1.0	-1.0	-1.0	-10	41.77	3
1158	96-RDD-1288	480056	5416023	-0.6	-0.6	-0.6	-0.6	-6	45.88	5
1159	96-RDD-1289	479731	5415525	-0.6	-0.6	-0.6	-0.6	-6	38.16	5
1160	96-RDD-1291	479837	5414076	-0.6	-0.6	-0.6	-0.6	-6	37.36	5
1161	96-RDD-1292	479563	5413243	-0.6	1.1	-0.6	-0.6	-6	44.02	5
1162	96-RDD-1293	478611	5412834	-0.3	-0.3	-0.3	-0.3	-3	34.95	10
1163	96-RDD-1294	476095	5411695	-0.6	-0.6	-0.6	-0.6	-6	49.48	5
1164	96-RDD-1295	475242	5412227	-0.6	-0.6	-0.6	-0.6	-6	56.46	5
1165	96-RDD-1296	475163	5411454	-0.3	0.3	-0.3	-0.3	-3	44.81	10
1166	96-RDD-1297	475645	5411085	-0.6	-0.6	-0.6	-0.6	-6	64.32	5
1167	96-RDD-1298	477060	5410909	-0.6	0.8	-0.6	-0.6	-6	40.50	5
1168	96-RDD-1299	476542	5410412	-0.6	-0.6	-0.6	-0.6	-6	60.24	5
1170	96-RDD-1302	476389	5409344	-0.6	-0.6	-0.6	-0.6	-6	49.34	5
1171	96-RDD-1303	477103	5409211	-0.3	2.0	-0.3	2.0	-3	38.22	10
1172	96-RDD-1304	476563	5407942	-0.6	-0.6	-0.6	-0.6	-6	52.06	5
1173	96-RDD-1305	475570	5408151	-0.6	-0.6	-0.6	-0.6	-6	58.39	5
1174	96-RDD-1306	475290	5408700	-0.6	-0.6	-0.6	-0.6	-6	65.52	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
1175	96-RDD-1307	474893	5408489	-0.6	-0.6	-0.6	-0.6	-6	56.99	5
1176	96-RDD-1308	473791	5407046	-0.6	-0.6	-0.6	-0.6	-6	71.80	5
1177	96-RDD-1309	474405	5405974	-0.6	-0.6	-0.6	-0.6	-6	52.25	5
1178	96-RDD-1311	476798	5406666	-0.6	-0.6	-0.6	-0.6	-6	62.44	5
1179	96-RDD-1312	477491	5407052	-0.6	-0.6	-0.6	-0.6	-6	43.39	5
1180	96-RDD-1313	478913	5407052	-0.6	-0.6	-0.6	-0.6	-6	46.85	5
1181	96-RDD-1314	479069	5408085	-0.6	-0.6	-0.6	-0.6	-6	37.16	5
1182	96-RDD-1315	479570	5408175	-0.6	-0.6	-0.6	-0.6	-6	42.28	5
1183	96-RDD-1316	479791	5408302	-0.6	-0.6	-0.6	-0.6	-6	53.52	5
1184	96-RDD-1317	480015	5408294	-0.6	0.8	-0.6	-0.6	-6	53.02	5
1185	96-RDD-1318	479544	5405731	-0.6	-0.6	-0.6	-0.6	-6	35.46	5
1186	96-RDD-1319	479681	5402885	-0.6	-0.6	-0.6	-0.6	-6	47.28	5
1187	96-RDD-1321	479576	5402255	-0.3	-0.3	-0.3	-0.3	-3	48.75	10
1188	96-RDD-1322	480539	5401006	-0.6	5.2	-0.6	-0.6	12	48.55	5
1189	96-RDD-1323	482471	5401100	-0.6	-0.6	-0.6	-0.6	11	50.65	5
1190	96-RDD-1324	481789	5401371	-0.6	-0.6	-0.6	-0.6	-6	57.38	5
1191	96-RDD-1325	483390	5405852	-0.6	2.8	-0.6	1.0	-6	44.03	5
1192	96-RDD-1326	482560	5404834	-0.5	2.4	-0.5	1.3	6	24.61	6.61
1193	96-RDD-1327	482659	5406058	-0.3	7.2	-0.3	2.8	5	21.00	10
1194	96-RDD-1328	482535	5406994	-0.6	1.2	-0.6	0.7	-6	50.06	5
1195	96-RDD-1329	482700	5407607	-0.6	5.0	-0.6	1.4	-6	54.09	5
1196	96-RDD-1331	482370	5407909	-0.6	0.9	-0.6	0.8	-6	51.31	5
1197	96-RDD-1332	481971	5408229	-0.6	1.4	-0.6	0.6	-6	44.90	5
1198	96-RDD-1333	481650	5407463	-1.0	3.3	-1.0	2.5	-10	57.87	3
1201	96-RDD-1336	479077	5409023	-0.6	-0.6	-0.6	-0.6	-6	41.81	5
1202	96-RDD-1337	478692	5408565	-0.6	-0.6	-0.6	-0.6	-6	42.39	5
1203	96-RDD-1338	478448	5408730	-0.6	-0.6	-0.6	-0.6	-6	69.01	5
1204	96-RDD-1339	477903	5408941	-0.6	-0.6	-0.6	-0.6	-6	50.09	5
1205	96-RDD-1341	478502	5409497	-0.6	0.9	-0.6	-0.6	-6	33.30	5
1206	96-RDD-1342	478891	5409365	-0.6	-0.6	-0.6	-0.6	-6	64.03	5
1207	96-RDD-1343	478852	5411143	-0.6	-0.6	-0.6	-0.6	-6	56.86	5
1208	96-RDD-1344	480250	5411845	-0.6	-0.6	-0.6	-0.6	-6	54.30	5
1209	96-RDD-1345	481555	5412266	-0.6	0.8	-0.6	-0.6	-6	35.19	5
1210	96-RDD-1346	481575	5411708	-1.0	1.6	-1.0	1.4	-10	51.81	3
1212	96-RDD-1348	481325	5410830	-1.0	-1.0	-1.0	-1.0	-10	32.69	3
1213	96-RDD-1349	481716	5410364	-0.6	2.6	-0.6	0.8	-6	45.13	5
1214	96-RDD-1351	511533	5407974	-0.3	-0.3	-0.3	0.6	-3	38.94	10
1215	96-RDD-1352	519579	5408572	-0.6	4.3	-0.6	0.9	-6	43.18	5
1216	96-RDD-1353	519938	5409049	-0.6	0.7	-0.6	-0.6	-6	39.38	5
1217	96-RDD-1354	521754	5409161	-0.6	0.9	-0.6	-0.6	-6	56.19	5
1218	96-RDD-1355	521668	5408639	-0.3	0.8	-0.3	1.0	-3	36.88	10
1219	96-RDD-1356	524574	5405679	-0.6	1.5	-0.6	-0.6	-6	57.42	5
1220	96-RDD-1357	524990	5405504	-0.6	0.9	-0.6	-0.6	-6	39.89	5
1221	96-RDD-1358	524975	5404913	-0.6	10.3	-0.6	3.9	-6	44.58	5
1222	96-RDD-1359	525946	5405338	-0.6	-0.6	-0.6	-0.6	-6	35.65	5
2002	96-RDD-2002	549483	5405711	-0.6	0.9	-0.6	-0.6	-6	55.76	5
2007	96-RDD-2007	551056	5405880	-0.6	1.8	-0.6	-0.6	-6	54.53	5
2009	96-RDD-2009	549775	5404750	-0.6	0.7	-0.6	-0.6	-6	44.82	5
2010	96-RDD-2011	550021	5397973	-0.6	-0.6	-0.6	-0.6	-6	56.66	5
2011	96-RDD-2012	548948	5397450	-0.6	-0.6	-0.6	-0.6	-6	43.69	5
2013	96-RDD-2014	546960	5395862	-0.6	2.4	-0.6	-0.6	-6	37.09	5
2014	96-RDD-2015	550444	5389809	-1.0	-1.0	-1.0	-1.0	-10	50.71	3
2015	96-RDD-2016	549216	5388536	-1.0	-1.0	-1.0	-1.0	-10	63.48	3
2017	96-RDD-2018	551967	5386688	-0.6	-0.6	-0.6	-0.6	-6	47.18	5
2019	96-RDD-2021	551773	5385569	-0.6	3.4	-0.6	1.8	-6	46.85	5
2021	96-RDD-2023	549393	5384314	-0.6	0.7	-0.6	-0.6	-6	55.28	5
2024	96-RDD-2026	555343	5383217	-0.6	-0.6	-0.6	-0.6	-6	40.37	5
2025	96-RDD-2027	556288	5384601	-0.6	-0.6	-0.6	-0.6	-6	36.99	5
2026	96-RDD-2028	555867	5386086	-1.0	-1.0	-1.0	-1.0	-10	61.93	3

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
2027	96-RDD-2029	557421	5383941	-0.6	-0.6	-0.6	-0.6	-6	39.74	5
2028	96-RDD-2031	557331	5383697	-0.6	-0.6	-0.6	-0.6	-6	42.64	5
2029	96-RDD-2032	556514	5383132	-0.6	-0.6	-0.6	-0.6	-6	46.06	5
2030	96-RDD-2033	556086	5382401	-0.6	-0.6	-0.6	-0.6	-6	58.99	5
2031	96-RDD-2034	556665	5381812	-0.6	2.0	-0.6	0.8	-6	42.99	5
2032	96-RDD-2035	556899	5382444	-0.6	-0.6	-0.6	-0.6	-6	52.16	5
2033	96-RDD-2036	557529	5382451	-0.6	-0.6	-0.6	-0.6	-6	48.94	5
2034	96-RDD-2037	558362	5382699	-2.0	-2.0	-2.0	-2.0	-6	37.46	1.58
2036	96-RDD-2039	557938	5381675	-0.6	2.0	-0.6	1.1	-6	61.97	5
2037	96-RDD-2041	558722	5381483	-0.6	5.3	-0.6	2.0	-6	38.41	5
2038	96-RDD-2042	559609	5381530	-0.6	1.4	-0.6	0.7	-6	52.65	5
2039	96-RDD-2043	559510	5381570	-0.6	0.9	-0.6	-0.6	-6	52.91	5
2040	96-RDD-2044	559698	5382059	-1.0	2.0	-1.0	-1.0	-10	56.14	3
2041	96-RDD-2045	560073	5382301	-0.6	1.5	-0.6	0.9	-6	45.19	5
2043	96-RDD-2047	560235	5381684	-0.6	1.1	-0.6	-0.6	-6	47.82	5
2044	96-RDD-2048	560163	5381347	-0.6	4.7	-0.6	1.8	-6	50.75	5
2050	96-RDD-2055	562779	5381175	-0.6	2.8	-0.6	1.5	-6	60.97	5
2051	96-RDD-2056	562746	5381601	-0.6	4.9	-0.6	3.4	-6	36.72	5
2052	96-RDD-2057	562441	5382634	-0.6	1.8	-0.6	1.1	-6	30.99	5
2053	96-RDD-2058	563632	5382522	-1.0	-1.0	-1.0	-1.0	-10	53.11	3
2054	96-RDD-2059	564273	5382558	-0.6	1.7	-0.6	0.7	-6	52.46	5
2054	96-RDD-2059	564273	5382558	-1.0	-1.0	-1.0	-1.0	-10	52.46	3
2055	96-RDD-2061	563416	5381544	-1.0	5.0	-1.0	1.0	-10	47.04	3
2056	96-RDD-2062	563640	5380842	-0.6	1.4	-0.6	1.0	-6	48.55	5
2057	96-RDD-2063	564427	5381066	-1.0	2.0	-1.0	1.0	-10	64.35	3
2058	96-RDD-2064	564960	5380912	-0.6	-0.6	-0.6	-0.6	-6	56.30	5
2059	96-RDD-2065	565623	5381481	-0.6	1.5	-0.6	0.7	-6	50.17	5
2064	96-RDD-2071	569539	5384812	-0.6	-0.6	-0.6	-0.6	-6	38.90	5
2065	96-RDD-2072	568414	5385123	-0.6	1.1	-0.6	0.8	-6	58.82	5
2066	96-RDD-2073	568269	5385683	-0.6	0.7	-0.6	0.7	-6	61.90	5
2068	96-RDD-2075	567519	5385013	-0.6	0.8	-0.6	-0.6	-6	47.76	5
2069	96-RDD-2076	566999	5385868	-0.6	1.1	-0.6	0.7	-6	42.20	5
2071	96-RDD-2078	551050	5397200	-0.6	-0.6	-0.6	-0.6	-6	46.20	5
2073	96-RDD-2081	550011	5396931	-1.0	2.0	-1.0	-1.0	-10	49.97	3
2075	96-RDD-2083	574633	5393710	-0.6	-0.6	-0.6	-0.6	-6	38.93	5
2076	96-RDD-2084	575840	5393796	-0.6	-0.6	-0.6	-0.6	-6	47.43	5
2077	96-RDD-2085	575185	5394967	-0.6	-0.6	-0.6	-0.6	-6	44.90	5
2078	96-RDD-2086	576258	5395349	-0.6	-0.6	-0.6	-0.6	-6	44.53	5
2081	96-RDD-2089	578311	5394895	-0.6	-0.6	-0.6	-0.6	-6	29.77	5
2083	96-RDD-2092	580072	5393223	-0.6	-0.6	-0.6	-0.6	-6	53.66	5
2084	96-RDD-2093	578694	5395658	-0.6	0.9	-0.6	-0.6	-6	54.30	5
2085	96-RDD-2094	583661	5397483	-1.0	3.0	-1.0	-1.0	-10	65.66	3
2088	96-RDD-2097	585872	5396812	-1.0	2.0	-1.0	-1.0	-10	63.74	3
2095	96-RDD-2105	587700	5391525	-1.0	-1.0	-1.0	-1.0	-10	59.54	3
2096	96-RDD-2106	586746	5391608	-1.0	-1.0	-1.0	-1.0	-10	56.01	3
2097	96-RDD-2107	587065	5390466	-1.0	-1.0	-1.0	-1.0	-10	55.94	3
2098	96-RDD-2108	586588	5389084	-0.6	88.4	-0.6	-0.6	451	42.36	5
2100	96-RDD-2111	585042	5389705	-0.6	-0.6	-0.6	-0.6	170	51.88	5
2106	96-RDD-2117	581613	5390027	-0.6	-0.6	-0.6	-0.6	240	47.71	5
2107	96-RDD-2118	581300	5390710	-1.0	-1.0	-1.0	-1.0	1100	48.55	3
2108	96-RDD-2119	579890	5392233	-0.6	-0.6	-0.6	-0.6	26	38.13	5
2109	96-RDD-2121	579042	5392767	-0.6	1.0	-0.6	-0.6	-6	57.26	5
2110	96-RDD-2122	577943	5392518	-0.6	1.1	-0.6	-0.6	7	53.08	5
2111	96-RDD-2123	577601	5393426	-0.6	0.7	-0.6	-0.6	8	40.60	5
2112	96-RDD-2124	576538	5392777	-0.6	-0.6	-0.6	-0.6	-6	41.40	5
2114	96-RDD-2126	577550	5391650	-0.6	-0.6	-0.6	-0.6	-6	52.45	5
2116	96-RDD-2128	578337	5390378	-0.6	-0.6	-0.6	-0.6	-6	49.30	5
2117	96-RDD-2129	577628	5389057	-0.6	-0.6	-0.6	-0.6	-6	60.16	5
2118	96-RDD-2131	575858	5389616	-0.6	-0.6	-0.6	-0.6	-6	49.22	5

Site#	Sample#	Easting	Northing	Rh	Pd	Ir	Pt	Au	LOI	Sample Wt
		NAD 27, UTM Zone 16		Fire Assay/ICP-MS					Grav	
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3	% 0.01	
2120	96-RDD-2133	575686	5414938	-1.0	-1.0	-1.0	-1.0	-10	69.47	3
2121	96-RDD-2134	576059	5415056	-1.0	-1.0	-1.0	-1.0	-10	64.26	3
2122	96-RDD-2135	576452	5416226	-0.6	-0.6	-0.6	-0.6	-6	53.26	5
2128	96-RDD-2142	590981	5416521	-1.0	1.0	-1.0	-1.0	-10	58.14	3
2129	96-RDD-2143	592376	5416137	-1.0	2.0	-1.0	-1.0	-10	52.15	3
2131	96-RDD-2145	591960	5417972	-0.6	1.2	-0.6	-0.6	-6	43.86	5
2132	96-RDD-2146	590882	5417796	-0.6	0.9	-0.6	0.7	-6	44.40	5
2133	96-RDD-2147	592181	5419563	-1.0	13.0	-1.0	45.0	-10	61.35	3
2136	96-RDD-2151	589575	5422000	-0.6	-0.6	-0.6	-0.6	-6	59.52	5
2137	96-RDD-2152	594069	5421739	-0.6	-0.6	-0.6	-0.6	-6	46.82	5
2138	96-RDD-2153	594504	5422267	-0.6	0.6	-0.6	-0.6	-6	58.79	5
2139	96-RDD-2154	594928	5421632	-0.6	0.6	-0.6	-0.6	-6	56.26	5
2140	96-RDD-2155	594260	5418253	-1.0	-1.0	-1.0	-1.0	-10	54.43	3
2141	96-RDD-2156	594526	5417065	-1.0	-1.0	-1.0	-1.0	-10	49.13	3
2142	96-RDD-2157	594635	5416176	-0.6	2.4	-0.6	0.9	-6	49.47	5
2144	96-RDD-2159	596266	5414166	-0.6	-0.6	-0.6	-0.6	-6	40.00	5
2145	96-RDD-2161	596910	5415510	-0.6	-0.6	-0.6	-0.6	-6	57.68	5
2146	96-RDD-2162	596574	5415912	-1.0	-1.0	-1.0	-1.0	-10	61.24	3
2147	96-RDD-2163	595780	5416636	-1.0	-1.0	-1.0	-1.0	-10	53.84	3
2148	96-RDD-2164	596716	5417283	-1.0	-1.0	-1.0	1.0	-10	53.29	3
2152	96-RDD-2168	594911	5410079	-0.6	-0.6	-0.6	-0.6	-6	46.99	5
2155	96-RDD-2172	591272	5414023	-0.6	-0.6	-0.6	-0.6	-6	31.48	5
2156	96-RDD-2173	589861	5414694	-0.6	1.0	-0.6	0.6	-6	39.81	5
2158	96-RDD-2175	588965	5412746	-0.6	1.1	-0.6	1.1	-6	43.12	5
2159	96-RDD-2176	589469	5412204	-0.6	0.9	-0.6	0.8	-6	44.26	5
2160	96-RDD-2177	586954	5411916	-0.6	1.9	-0.6	1.1	-6	63.45	5
2161	96-RDD-2178	586546	5413078	-1.0	-1.0	-1.0	1.0	-10	57.35	3
2163	96-RDD-2181	586495	5414971	-0.6	1.9	-0.6	1.0	-6	55.04	5
2165	96-RDD-2183	585274	5412508	-0.6	2.5	-0.6	1.3	-6	56.04	5
2166	96-RDD-2184	582634	5410884	-1.0	-1.0	-1.0	-1.0	-10	63.23	3
2168	96-RDD-2186	582063	5411917	-1.0	-1.0	-1.0	-1.0	-10	58.79	3
2170	96-RDD-2188	583941	5409082	-0.6	1.4	-0.6	0.6	-6	51.46	5
2171	96-RDD-2189	585472	5409691	-1.0	3.0	-1.0	1.0	-10	72.95	3
2173	96-RDD-2192	587691	5408874	-0.6	0.7	-0.6	-0.6	-6	40.20	5
2174	96-RDD-2193	588405	5408594	-1.0	-1.0	-1.0	-1.0	-10	62.76	3
2176	96-RDD-2195	588396	5407478	-0.6	1.0	-0.6	0.7	-6	37.28	5
2180	96-RDD-2199	594764	5407590	-0.6	-0.6	-0.6	0.6	-6	67.55	5
2181	96-RDD-2201	595296	5407527	-0.6	-0.6	-0.6	-0.6	-6	50.34	5
2182	96-RDD-2202	595324	5408641	-0.6	-0.6	-0.6	0.9	-6	46.47	5
2185	96-RDD-2205	594919	5404482	-0.6	2.9	-0.6	0.9	-6	47.98	5
2186	96-RDD-2206	595365	5403424	-0.6	1.2	-0.6	-0.6	-6	49.78	5
2189	96-RDD-2209	592732	5403016	-0.6	1.2	-0.6	-0.6	-6	42.68	5
2194	96-RDD-2215	588043	5402174	-1.0	2.0	-1.0	-1.0	-10	48.42	3
2195	96-RDD-2216	586060	5401958	-1.0	2.0	-1.0	-1.0	12	51.71	3
2196	96-RDD-2217	586977	5403937	-0.6	1.7	-0.6	-0.6	-6	58.19	5
2197	96-RDD-2218	586325	5403605	-0.6	-0.6	-0.6	-0.6	-6	59.26	5
2204	96-RDD-2226	580656	5405623	-1.0	2.0	-1.0	-1.0	-10	56.84	3
2205	96-RDD-2227	579979	5405262	-1.0	2.0	-1.0	-1.0	-10	56.97	3
2206	96-RDD-2228	579418	5405510	-0.6	1.6	-0.6	-0.6	-6	48.70	5

Metric Conversion Table

Conversion from SI to Imperial			**Conversion from Imperial to SI**		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
LENGTH					
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
AREA					
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm^3	0.061 023	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m^3
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
MASS					
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 90**	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

***Note:** Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.*

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micromedia
a division of IHS Canada

20 Victoria Street
Toronto, Ontario M5C 2N8
Tel.: (416) 362-5211
Toll Free: 1-800-387-2689
Fax: (416) 362-6161
Email: info@micromedia.on.ca